

COMMISSION OF INQUIRY
ON HORMONE RECEPTOR TESTING

BEFORE THE HONOURABLE JUSTICE CAMERON - COMMISSIONER

July 25, 2008

Appearances:

- Bernard Coffey, Q.C. Commission Co-counsel
- Sandra Chaytor, Q.C. Commission Co-counsel

- Rolf Pritchard/Jackie Brazil Her Majesty in Right of NL

- Peter Browne/Jane Hennebury Doctors Kara Laing et al

- Beth Whalen Eastern Regional Integrated
. Health Authority

- Pamela Taylor. Members of the Breast Cancer
. Testing Class Action

- Mark Pike NL Medical Association
- Jennifer Newbury Canadian Cancer Society (NL Division)
- Blair Pritchett. Central, Western and Labrador-Grenfell
. Regional Integrated Health Authorities

THIS PAGE ONLY REVISED NOVEMBER 18, 2008

LIST OF EXHIBITS

- Exhibit P-2360 entered Pg. 58
- Exhibits P-2395 and P2396; P-2398 to P-2408; P-2426 to P-2428;
P-2439 and C-0183 Pg. 244

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Certificate

Certificate

1 THE COMMISSIONER:
 2 Q. Mr. Coffey?
 3 COFFEY, Q.C.:
 4 Q. Thank you, Commissioner. The next witness is
 5 Barry Gallagher, Dr. Barry Gallagher.
 6 DR. BARRY GALLAGHER, SWORN, EXAMINATION BY BERNARD
 7 COFFEY, Q.C.
 8 REGISTRAR:
 9 Q. Would you please state and spell your name for
 10 the Commission?
 11 DR. GALLAGHER:
 12 A. My name is Finbar Patrick Geoffrey Gallagher.
 13 F-I-N-B-A-R P-A-T-R-I-C-K G-E-O-F-F-R-E-Y
 14 G-A-L-L-A-G-H-E-R.
 15 REGISTRAR:
 16 Q. Thank you.
 17 COFFEY, Q.C.:
 18 Q. And Doctor, I take it you go by the name Barry
 19 as your first name?
 20 DR. GALLAGHER:
 21 A. I do.
 22 COFFEY, Q.C.:
 23 Q. Okay. So if at some point throughout this I'm
 24 referring to you as Dr. Barry Gallagher, you
 25 know who I'm speaking of.

Page 5

1 DR. GALLAGHER:
 2 A. Yes.
 3 COFFEY, Q.C.:
 4 Q. Doctor, could you tell the Commissioner, give
 5 the Commissioner, please, an overview of your
 6 educational and professional background?
 7 DR. GALLAGHER:
 8 A. I obtained my medical degree from University
 9 College Dublin in Ireland in 1982 and I did my
 10 internship in Don Patrick in Northern Ireland
 11 in 1982 to 1983. I obtained a Master of
 12 Medical Science degree from University College
 13 Dublin between 1983 and 1984 and I then
 14 obtained a senior house officer position in
 15 the Regional Hospital Galway, Ireland from
 16 1984 to 1986. Thereafter, I moved to Calgary,
 17 to the University of Calgary, where I did an
 18 anatomical pathology residency training
 19 program from 1986 to 1989 and that's when I
 20 finished my training.
 21 COFFEY, Q.C.:
 22 Q. Doctor, did you take the Canadian Fellowship
 23 exams?
 24 DR. GALLAGHER:
 25 A. I took the Fellowship of the Royal College of

Page 6

1 Physicians and Surgeons of Canada in 1989 in
 2 anatomical pathology and I took the American
 3 Board of Pathology exam in anatomic pathology
 4 in 1991.
 5 COFFEY, Q.C.:
 6 Q. Were you successful in those, Doctor?
 7 DR. GALLAGHER:
 8 A. Yes, I was.
 9 COFFEY, Q.C.:
 10 Q. Doctor, having completed your training then, I
 11 take it, in a formal sense, in a residency
 12 formal sense in 1989?
 13 DR. GALLAGHER:
 14 A. Yes, that's correct.
 15 COFFEY, Q.C.:
 16 Q. Where did you go from there, Doctor?
 17 DR. GALLAGHER:
 18 A. From there, I did a locum in St. Anthony in
 19 1989 and thereafter, I did another locum in
 20 pathology in the Janeway Hospital in 1990, a
 21 further locum in Shaughnessy Hospital in
 22 Vancouver 1990 to '91, and after that, I took
 23 up a position as a staff pathologist at the
 24 Central Newfoundland Regional Health Centre in
 25 Grand Falls Windsor from 1991 until 1994.

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1 COFFEY, Q.C.:
 2 Q. Take us on then, Doctor.
 3 DR. GALLAGHER:
 4 A. And after that, I did a locum again in St.
 5 Anthony at the end of 1994, and in
 6 approximately November, I think, 1994, I took
 7 up my position as staff pathologist at James
 8 Paton Memorial Hospital in Gander, where I
 9 have been since, apart from a leave of absence
 10 from December '05 to May '07 in Calgary, with
 11 Calgary Laboratory Services.
 12 COFFEY, Q.C.:
 13 Q. And Calgary Laboratory Services, what is that?
 14 DR. GALLAGHER:
 15 A. Calgary Laboratory Services is the
 16 organization that performs pathological
 17 testing for the City of Calgary.
 18 COFFEY, Q.C.:
 19 Q. And they perform it for all the hospitals in
 20 Calgary?
 21 DR. GALLAGHER:
 22 A. For all the hospitals in Calgary. It's one
 23 group of pathologists that performs all the
 24 pathology testing for the City.
 25 COFFEY, Q.C.:

Page 8

1 Q. Are they stationed in different centres?
 2 DR. GALLAGHER:
 3 A. Yes, they're stationed in multiple hospitals
 4 and there was also a diagnostic services
 5 centre apart from the hospitals where I worked
 6 mainly.
 7 COFFEY, Q.C.:
 8 Q. And then in May of 2007, you returned to
 9 Gander?
 10 DR. GALLAGHER:
 11 A. That's correct.
 12 COFFEY, Q.C.:
 13 Q. Now Doctor, and I take it you're currently a
 14 staff pathologist in the hospital in Gander?
 15 DR. GALLAGHER:
 16 A. That's correct.
 17 COFFEY, Q.C.:
 18 Q. Doctor, tell the Commissioner, I'll ask you
 19 first of all about the staffing levels in
 20 Gander over the years that you've been there.
 21 You've been there, I believe since, in effect,
 22 with the exception of the leave of absence,
 23 since 1994?
 24 DR. GALLAGHER:
 25 A. Yes.

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1 COFFEY, Q.C.:

2 Q. Since 1994, Doctor, how many pathologists does

3 the hospital in Gander, I think that's the

4 James Paton?

5 DR. GALLAGHER:

6 A. Yes.

7 COFFEY, Q.C.:

8 Q. Is what it's called, the hospital?

9 DR. GALLAGHER:

10 A. James Paton Regional Health Centre now, James

11 Paton Memorial Regional Health Centre.

12 COFFEY, Q.C.:

13 Q. I'll refer to it as the James Paton Hospital.

14 Doctor, in the James Paton Hospital, during

15 your time there, how many pathologist

16 positions are assigned to the hospital or

17 allocated to it?

18 DR. GALLAGHER:

19 A. Two.

20 COFFEY, Q.C.:

21 Q. And during your time there, how often have

22 there been two pathologists on staff?

23 DR. GALLAGHER:

24 A. For most of the time, there have been two

25 pathologists there. I would say there have

Page 10

1 been very short breaks really over that time

2 in terms of the appointment of two

3 pathologists. Obviously at some times, we

4 would be down to one pathologist when the

5 other pathologist would be away, but we've

6 been relatively fortunate with staffing.

7 COFFEY, Q.C.:

8 Q. And I raise that in contradistinction to the

9 situation that Dr. Dalton, Maurice Dalton--you

10 would know of Dr. Dalton?

11 DR. GALLAGHER:

12 A. Yes.

13 COFFEY, Q.C.:

14 Q. Has found himself in over the years. He's

15 kind of, I gather from his evidence, he's kind

16 of one--a year or pretty well, at a time, he'd

17 have a two people and then one and then two,

18 roughly, over the years.

19 DR. GALLAGHER:

20 A. Yes.

21 COFFEY, Q.C.:

22 Q. But Gander has not been in that position. As

23 you say, you've been fortunate in that regard.

24 DR. GALLAGHER:

25 A. Yes.

Page 11

1 COFFEY, Q.C.:

2 Q. Doctor, when you arrived in Gander in 1994,

3 were you the senior pathologist at the time or

4 how did that work over the years?

5 DR. GALLAGHER:

6 A. Well, there was another pathologist working

7 there when I arrived. That was Dr. Sangeeta

8 Somers.

9 COFFEY, Q.C.:

10 Q. And how long did Dr. Somers -

11 DR. GALLAGHER:

12 A. She had been there since 1993, I believe.

13 COFFEY, Q.C.:

14 Q. And is she still there?

15 DR. GALLAGHER:

16 A. She is still there.

17 COFFEY, Q.C.:

18 Q. So between you, is there a senior position and

19 a junior position or how does that work?

20 DR. GALLAGHER:

21 A. Yes, I became the senior pathologist there and

22 in 1997, I believe, I was given the title of

23 pathology director and I've been the senior

24 pathologist ever since, apart from my leave of

25 absence, when she assumed those duties.

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1 COFFEY, Q.C.:

2 Q. Doctor, while I'm on the topic, while you were

3 away on your leave of absence, was there a

4 replacement for you?

5 DR. GALLAGHER:

6 A. Yes, there was. Dr. Lawrence Lacey did a long

7 locum while I was in Calgary.

8 COFFEY, Q.C.:

9 Q. Doctor, can you tell then the Commissioner,

10 please, and perhaps beginning in 1994 and take

11 us up to the present, the structure involving

12 the pathology department, pathology lab, the

13 clinical laboratory in fact for the hospital,

14 could you just tell us about that?

15 DR. GALLAGHER:

16 A. Well, when I arrived in 1994, James Paton

17 Memorial Hospital was under the Gander

18 Regional and District Board and it remained

19 under that Board from 1994 until 1998. In

20 1998, the Central East Health Care

21 Institutions Board was formed and in 2005, the

22 Central Regional Integrated Health Authority

23 was formed. So in the original Gander and

24 District Board, for all internal lab issues,

25 we reported to the assistant executive

Page 13

1 director and for other issues of a medical
 2 nature, we, in practice, reported to the
 3 medical director.
 4 COFFEY, Q.C.:
 5 Q. Doctor, if I could, could you just move that
 6 just a little bit away from you? No, no, away
 7 from you. Thanks. And the situation even
 8 today is what, you report to whom?
 9 DR. GALLAGHER:
 10 A. We report to the person who has assumed the
 11 medical director's functions, who is the Vice
 12 President of Medical Affairs.
 13 COFFEY, Q.C.:
 14 Q. And that has been so since?
 15 DR. GALLAGHER:
 16 A. That has been so since 2005 when that position
 17 was created. Between 1998 and 2005, we
 18 reported to the Medical Director in practice
 19 for medical matters, although we also reported
 20 to the executive director and for purely
 21 laboratory concerns, we reported to the
 22 assistant executive director.
 23 COFFEY, Q.C.:
 24 Q. Okay, so perhaps then you could take us
 25 through then the--the assistant executive

Page 14

1 director was he or she a clinician?
 2 DR. GALLAGHER:
 3 A. No.
 4 COFFEY, Q.C.:
 5 Q. Okay, so this would be an administrative -
 6 DR. GALLAGHER:
 7 A. Yes.
 8 COFFEY, Q.C.:
 9 Q. - concerns, I suppose, in terms of buying
 10 equipment?
 11 DR. GALLAGHER:
 12 A. Yes.
 13 COFFEY, Q.C.:
 14 Q. Things like that.
 15 DR. GALLAGHER:
 16 A. Budgetary issues, staffing issues.
 17 COFFEY, Q.C.:
 18 Q. Between 1998 and 2005, the medical director
 19 was whom?
 20 DR. GALLAGHER:
 21 A. Dr. Peter Blackie.
 22 COFFEY, Q.C.:
 23 Q. And he was located where physically?
 24 DR. GALLAGHER:
 25 A. In James Paton in Gander.

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1 COFFEY, Q.C.:
 2 Q. Whom did he report to?
 3 DR. GALLAGHER:
 4 A. He reported to Mr. David Lewis, the executive
 5 director.
 6 COFFEY, Q.C.:
 7 Q. Now since 2005, how has that worked?
 8 DR. GALLAGHER:
 9 A. Since 2005, the Vice President Medical Affairs
 10 reports to the CEO of the Regional Integrated
 11 Health Authority.
 12 COFFEY, Q.C.:
 13 Q. And so in 2005, the Vice President Medical
 14 Affairs was?
 15 DR. GALLAGHER:
 16 A. Dr. Larry Alteen.
 17 COFFEY, Q.C.:
 18 Q. So Dr. Alteen, in effect, his responsibility
 19 in his job function extended to Gander
 20 beginning in 2005?
 21 DR. GALLAGHER:
 22 A. That's correct.
 23 COFFEY, Q.C.:
 24 Q. And before that, the medical director was Dr.
 25 -

Page 16

1 DR. GALLAGHER:
 2 A. Dr. Blackie in Gander and Dr. Alteen in Grand
 3 Falls Windsor.
 4 COFFEY, Q.C.:
 5 Q. Now Doctor, in a practical sense, how much
 6 interaction would Dr. Blackie actually have
 7 with yourself? You're the head of the--on the
 8 ground, I take it, in the lab, the medical
 9 director of the lab, as it were. As a
 10 pathologist, how much actual interaction would
 11 you have with Dr. Blackie on medical matters?
 12 DR. GALLAGHER:
 13 A. Well, in a small hospital like Gander, you
 14 would interact or I would interact frequently
 15 with Dr. Blackie on a daily basis. One would
 16 see him almost daily, talk to him. So we
 17 interacted with him very frequently.
 18 COFFEY, Q.C.:
 19 Q. Now Doctor, throughout the period that you've
 20 been in Gander, what has been the relationship
 21 between the technologists and the
 22 pathologists, in a formal sense, in terms of
 23 who reports to whom or does either report to
 24 the other?
 25 DR. GALLAGHER:

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1 A. The technologists report to the Director of
 2 Laboratory Services, and that has been the
 3 case since I arrived.
 4 COFFEY, Q.C.:
 5 Q. And it is still the case today?
 6 DR. GALLAGHER:
 7 A. Yes, they liaise with us, but they report--
 8 their reporting structure is to the Director
 9 of Laboratory Services.
 10 COFFEY, Q.C.:
 11 Q. And liaise involves what sorts of things?
 12 DR. GALLAGHER:
 13 A. They discuss issues with us, of interest to us
 14 or of concern to us.
 15 COFFEY, Q.C.:
 16 Q. For example, I take it, the state of
 17 particular slides, whether or not to clarify
 18 something that you may have ordered,
 19 particular type of -
 20 DR. GALLAGHER:
 21 A. That's correct, yeah, that's right.
 22 COFFEY, Q.C.:
 23 Q. And would you have interaction then with the
 24 technologists frequently?
 25 DR. GALLAGHER:

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1 A. We would have interaction with them every day.
 2 COFFEY, Q.C.:
 3 Q. Would that involve you actually attending in
 4 the part of the lab that they work in on a
 5 pretty well daily basis?
 6 DR. GALLAGHER:
 7 A. Yes, we would have to be in their area for our
 8 grossing activities and for any slides we
 9 would order extra stains on or deeper sections
 10 on, we would actually be in their area.
 11 COFFEY, Q.C.:
 12 Q. Doctor, could you describe for the
 13 Commissioner a typical day in your work life?
 14 DR. GALLAGHER:
 15 A. Well, I would arrive in the morning and first
 16 of all, I would consult my Meditech, see what
 17 Meditech messages I had, what e-mails I'd
 18 received, whether there were any phone
 19 messages for me, and deal with any
 20 administrative issues that had come up over
 21 the night. After that then, the slides would
 22 begin to arrive from the laboratory and I
 23 would start to look at the H & E slides and
 24 dictate my microscopic descriptions and
 25 diagnosis on these slides for the secretary to

Page 19

1 type. This would go on until lunch time and
 2 thereafter. I would order my deeper levels,
 3 extra stains, prepare cases to be sent out for
 4 consultation and perhaps, in some cases, I
 5 would then have to go back in the afternoon to
 6 the gross room to take further sections on
 7 cases that I was looking at in my microscopic
 8 description.
 9 On the following day, I would do the
 10 gross examination. So we used to alternate.
 11 One day you would do a gross examination and
 12 the next day you would examine the cases you
 13 had cut on the previous day. Apart from that
 14 -
 15 COFFEY, Q.C.:
 16 Q. So I take it on the day that you were
 17 grossing, Dr. Somers would be in her office
 18 and on the day that you were in your office,
 19 Dr. Somers would be grossing?
 20 DR. GALLAGHER:
 21 A. Yes.
 22 COFFEY, Q.C.:
 23 Q. In that sense?
 24 DR. GALLAGHER:
 25 A. That's right.

Page 20

1 COFFEY, Q.C.:
 2 Q. Okay.
 3 DR. GALLAGHER:
 4 A. And then apart from that, there would be
 5 meetings and various other issues to deal with
 6 on other parts of the lab that might arise or
 7 discussions with physicians that might come up
 8 to be dealt with as well.
 9 COFFEY, Q.C.:
 10 Q. Ask you about that, your interaction with the
 11 other non-pathologist doctors in the hospital,
 12 in what settings generally would that occur?
 13 DR. GALLAGHER:
 14 A. It would occur at coffee and at lunch time.
 15 It would occur when they would just come down
 16 to my office. The operating rooms are less
 17 than a minute's walk from the pathology
 18 department. So they would often come in and
 19 talk to me about any issues of concern they
 20 had.
 21 COFFEY, Q.C.:
 22 Q. Was there any formal regularly scheduled
 23 meetings, like rounds, as it were?
 24 DR. GALLAGHER:
 25 A. There are -

Page 21

1 COFFEY, Q.C.:

2 Q. That you would attend?

3 DR. GALLAGHER:

4 A. - morbidity mortality rounds that I have

5 attended.

6 COFFEY, Q.C.:

7 Q. How frequent are they?

8 DR. GALLAGHER:

9 A. I'm not sure how frequent they are. I haven't

10 attended one for some time. That's the only

11 rounds that we have now. We used to have--

12 before I left for Calgary, I ran the medical

13 staff rounds for many years in the hospital,

14 and we would meet every Thursday to discuss

15 cases and to lecture on subjects to the

16 medical staff.

17 COFFEY, Q.C.:

18 Q. And that had been going on for how long? It

19 went on until you left in 2005.

20 DR. GALLAGHER:

21 A. It actually was started by a predecessor of

22 mine, so it was there when I arrived in 1994.

23 COFFEY, Q.C.:

24 Q. And you were expected, I take it, as part of

25 your job or your job role, you were expected

Page 22

1 or at least you assumed you were expected to

2 carry on in that regard?

3 DR. GALLAGHER:

4 A. I volunteered to do it.

5 COFFEY, Q.C.:

6 Q. So that would cover about seven years, seven

7 to eight -- no, I apologize, eleven years

8 approximately?

9 DR. GALLAGHER:

10 A. Yes, eleven years, yes.

11 COFFEY, Q.C.:

12 Q. Doctor, what would go on then in these sorts -

13 - these weekly meetings?

14 DR. GALLAGHER:

15 A. Well, various aspects of clinical medicine

16 would arise. It was -- varied between

17 didactic type of session and discussions

18 around particular cases, interesting cases

19 that had occurred in the hospital.

20 COFFEY, Q.C.:

21 Q. And, Doctor, since your return, I'll ask you

22 has it resumed since you returned?

23 DR. GALLAGHER:

24 A. No, it has not.

25 COFFEY, Q.C.:

Page 23

1 Q. And why is that?

2 DR. GALLAGHER:

3 A. I'm not sure really. We never got it running

4 again.

5 COFFEY, Q.C.:

6 Q. Did you find -- from your perspective at the

7 time, did you find them useful?

8 DR. GALLAGHER:

9 A. Yes, I did.

10 COFFEY, Q.C.:

11 Q. Why is that?

12 DR. GALLAGHER:

13 A. They gave me an exposure to other areas of

14 medicine that I would not normally read about.

15 I learned a lot about anesthesiology and

16 gastroenterology and gynecology, which was

17 actually quite useful for my practice, but it

18 would be something that I wouldn't naturally

19 read about myself.

20 COFFEY, Q.C.:

21 Q. And would you contribute comments from the

22 pathologists perspective to the other

23 physicians in the meetings?

24 DR. GALLAGHER:

25 A. Yes, I would.

Page 24

1 COFFEY, Q.C.:

2 Q. You would expect then that they would learn

3 something about what you did?

4 DR. GALLAGHER:

5 A. Yes.

6 COFFEY, Q.C.:

7 Q. From time to time.

8 DR. GALLAGHER:

9 A. That's correct.

10 COFFEY, Q.C.:

11 Q. Doctor, over the years since 1994, has the

12 laboratory in James Paton Hospital been

13 involved in formal quality assurance function

14 or role?

15 DR. GALLAGHER:

16 A. The quality assurance measures we have in

17 place would comprise such things as the

18 College of American Pathologist Performance

19 Improvement Program, which we'd been involved

20 in, I think, since 1995. We've also been

21 involved in a limited internal review of our

22 negative slides, that is our slides deemed to

23 be normal, since 1995. So a certain number of

24 cases are randomly reviewed each quarter that

25 were considered to be normal by the

Page 25

1 pathologist originally.
 2 COFFEY, Q.C.:
 3 Q. And reviewed by whom?
 4 DR. GALLAGHER:
 5 A. Generally by the other pathologists
 6 internally. We also subscribed to journals
 7 and we have recently started attending the
 8 tumour board rounds of the Health Care
 9 Corporation on Wednesday mornings.
 10 COFFEY, Q.C.:
 11 Q. That's via video conference, I take it?
 12 DR. GALLAGHER:
 13 A. Via video conference. In 2008, we started
 14 sending a small number of cases that we deemed
 15 to be normal randomly to Dr. Dalton, and we
 16 also started sending mastectomy specimens with
 17 accessory dissections that we thought did not
 18 contain any evidence of malignancy to Dr.
 19 Carter for rechecking.
 20 COFFEY, Q.C.:
 21 Q. Anything else, Doctor?
 22 DR. GALLAGHER:
 23 A. We are all enrolled -- myself and Dr. Somers,
 24 and Dr. Abdullah were all fellows of the Royal
 25 College, and we were all enrolled in the

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1 MOCOMP Program, the Maintenance of Competence
 2 Program that the Royal College mandates now
 3 where one has to obtain 400 hours of
 4 continuing medical education in a cycle, which
 5 I believe is five years.
 6 COFFEY, Q.C.:
 7 Q. How long has that been in effect, Doctor?
 8 DR. GALLAGHER:
 9 A. That has been going on for about eight years,
 10 I think, seven or eight years. Now on top of
 11 that, there are other activities that enhance
 12 quality, although whether they would be
 13 defined as quality assurance, I'm not sure
 14 whether they would, such as we examined the
 15 consults we receive from many institutions,
 16 particularly St. John's and Halifax. We
 17 review the cases we send to them and see if
 18 there are discrepancies between our
 19 provisional diagnosis and the final diagnosis
 20 and attempt to learn from that. Almost every
 21 afternoon we discuss cases between ourselves
 22 and look to see if there are any issues that
 23 we did not consider on the cases. In
 24 addition, we have started a second review of
 25 malignancies this year where every malignancy

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1 is reviewed by a second pathologist, and that
 2 pathologist then signs off on the malignancy
 3 and that becomes part of the report that the
 4 second pathologist agrees with the first
 5 pathologist on the diagnosis of cancer. Our
 6 consultation process that used to be informal
 7 where we would just go back and forth to each
 8 other's offices with cases, we now document,
 9 we now have a sheet that we sign and we put in
 10 our diagnosis on the case.
 11 COFFEY, Q.C.:
 12 Q. And the purpose in doing that, the change in
 13 approach, the formalizing, why is that?
 14 DR. GALLAGHER:
 15 A. It's part of a trend towards more
 16 documentation.
 17 COFFEY, Q.C.:
 18 Q. Doctor, is the laboratory itself -- is there
 19 anything else, first of all, involving the
 20 pathologists directly?
 21 DR. GALLAGHER:
 22 A. Not that I can think of offhand, actually.
 23 COFFEY, Q.C.:
 24 Q. The laboratory, which involves, of course, the
 25 technologists as well, is the laboratory

Page 28

1 involved or has it been involved over the
 2 years in any external proficiency activities?
 3 DR. GALLAGHER:
 4 A. Yes, they have.
 5 COFFEY, Q.C.:
 6 Q. Okay, could you tell us -- tell the
 7 Commissioner, please, about that?
 8 DR. GALLAGHER:
 9 A. They're involved in the CAP testing
 10 proficiency program.
 11 COFFEY, Q.C.:
 12 Q. How long has that been going on?
 13 DR. GALLAGHER:
 14 A. That has been going on for many years. I
 15 can't tell you exactly. I think it certainly
 16 predates my arrival.
 17 COFFEY, Q.C.:
 18 Q. And the CAP is?
 19 DR. GALLAGHER:
 20 A. College of American Pathologists.
 21 COFFEY, Q.C.:
 22 Q. Not to be confused with the Canadian --
 23 DR. GALLAGHER:
 24 A. Canadian Association of Pathologists, that's
 25 right.

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1 COFFEY, Q.C.:

2 Q. But they've been involved in the College of

3 American Pathologists Program predating your -

4 - going back to the beginning of your time

5 certainly?

6 DR. GALLAGHER:

7 A. That's correct.

8 COFFEY, Q.C.:

9 Q. Are they involved or have they been involved

10 in anything else?

11 DR. GALLAGHER:

12 A. Well, we're involved in accreditation at the

13 moment in the national accreditation process.

14 COFFEY, Q.C.:

15 Q. And that -- whose accreditation process is

16 that?

17 DR. GALLAGHER:

18 A. There's a new body formed, a new Canadian

19 accreditation structure formed, whose name I

20 can't remember now, but we're involved in that

21 and it's an ongoing process over the years.

22 It used to be a -- I can't remember the name

23 of the first organization, but it's a national

24 body of accreditation now that looks at every

25 aspect of the laboratory and accredits the

Page 30

1 laboratory.

2 COFFEY, Q.C.:

3 Q. And this has occurred since when?

4 DR. GALLAGHER:

5 A. This new accreditation -- we have undergone

6 accreditation again periodically as part of

7 the hospital accreditation for years.

8 COFFEY, Q.C.:

9 Q. Yes.

10 DR. GALLAGHER:

11 A. This new one, I think, is our first one and

12 the process has just started. I think it's --

13 we're preparing for a two years process of

14 accreditation.

15 COFFEY, Q.C.:

16 Q. So is this part of the Canadian Hospitals

17 Accreditation?

18 DR. GALLAGHER:

19 A. Yes, it is.

20 COFFEY, Q.C.:

21 Q. Okay, this is part of that?

22 DR. GALLAGHER:

23 A. It is.

24 COFFEY, Q.C.:

25 Q. The Canadian Hospitals Accreditation Program,

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1 that one which James Paton certainly, I

2 gather, would have been involved in over the

3 years --

4 DR. GALLAGHER:

5 A. Yes.

6 COFFEY, Q.C.:

7 Q. Up until now, very recently, the laboratory

8 aspect of the hospital was not involved

9 directly in accreditation, was it?

10 DR. GALLAGHER:

11 A. It was involved just as part of the general

12 hospital accreditation. So they would ask us

13 for details of our QA and so on, but this is a

14 much more in-depth assessment.

15 COFFEY, Q.C.:

16 Q. And this is a new initiative?

17 DR. GALLAGHER:

18 A. Yes.

19 COFFEY, Q.C.:

20 Q. Anything else, Doctor, the laboratories and

21 external proficiency --

22 DR. GALLAGHER:

23 A. Not that I can think of.

24 COMMISSIONER:

25 Q. Sorry, Mr. Coffey, but while I think of it, is

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1 there just the two of you still there, Doctor?

2 DR. GALLAGHER:

3 A. Yes.

4 COMMISSIONER:

5 Q. I didn't hear a third name creep in there.

6 DR. GALLAGHER:

7 A. Yes, Dr. Abdullah, Dr. Amid Abdullah, replaced

8 Dr. Somers for three and a half years when she

9 did a residency training program in New York

10 from 1997 until 2001, and she finished an ACP

11 Program in New York and came back then, and

12 then he left when she came back.

13 COMMISSIONER:

14 Q. All right, thank you.

15 COFFEY, Q.C.:

16 Q. Doctor, the technologists, how many

17 technologists work in the pathology side of

18 the lab?

19 DR. GALLAGHER:

20 A. We have two full time equivalents, so that

21 generally means two technologists who are

22 occasionally replaced by another person when

23 one is away.

24 COFFEY, Q.C.:

25 Q. And, Doctor, could you describe for the

Page 33

1 Commissioner the process involved in tissue
 2 fixation and tissue processing in the lab in
 3 James Paton?
 4 DR. GALLAGHER:
 5 A. Well, specimens are immediately immersed in
 6 formalin following their removal in the
 7 operating room endoscopy suite and day
 8 surgery, and in the clinics around the region,
 9 and they are sent then to the laboratory, and
 10 after that they are examined and sectioned.
 11 COFFEY, Q.C.:
 12 Q. So would that be the same day?
 13 DR. GALLAGHER:
 14 A. Depending on the specimen. It would be the
 15 same day for small specimens, and all of them
 16 would be opened on the same day. So if you
 17 took a small specimen like a biopsy of skin,
 18 it would come to the laboratory and it would
 19 be excised and then examined and sections
 20 would be taken and would be put into
 21 cassettes, and the cassettes would then be put
 22 on the processor overnight and slides would be
 23 stained and coverslipped and made the
 24 following morning.
 25 COFFEY, Q.C.:

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1 Q. They're smaller?
 2 DR. GALLAGHER:
 3 A. Smaller specimens, yes.
 4 COFFEY, Q.C.:
 5 Q. How about larger, how are they handled?
 6 DR. GALLAGHER:
 7 A. The larger specimens would be opened and
 8 sliced, and depending whether they're hollow
 9 or solid organs, the approach would be
 10 somewhat different. If they were hollow --
 11 COFFEY, Q.C.:
 12 Q. Deal with breast for example.
 13 DR. GALLAGHER:
 14 A. Breast specimens would be removed from their
 15 containers and the dictating machine would
 16 then be turned on and they would be weighed
 17 and then examined in terms of their dimensions
 18 and consistency, and following the gross
 19 description, they would be bread loafed. That
 20 is they would be sliced transversely into thin
 21 slices, and then paper towels would be placed
 22 between these slices and the specimen would
 23 then be put back into a large bucket of
 24 formalin. Frequently the formalin would be
 25 replaced actually before it would be put back.

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1 It would be put back into this large bucket of
 2 formalin and left to fix overnight.
 3 COFFEY, Q.C.:
 4 Q. And that would have -- I take it that this
 5 bread loafing process would have occurred by
 6 what time of the day?
 7 DR. GALLAGHER:
 8 A. The bread loafing occurred at our gross
 9 examination which went on from 1 to 1:30 to
 10 approximately 3 p.m. each day.
 11 COFFEY, Q.C.:
 12 Q. So sometime by mid afternoon --
 13 DR. GALLAGHER:
 14 A. Yes.
 15 COFFEY, Q.C.:
 16 Q. It would be completed, and it would be left
 17 then in formalin overnight?
 18 DR. GALLAGHER:
 19 A. Yes.
 20 COFFEY, Q.C.:
 21 Q. What then would happen?
 22 DR. GALLAGHER:
 23 A. The following afternoon, the --
 24 COFFEY, Q.C.:
 25 Q. While I'm on this topic, Doctor, because I

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1 take it the assignment of cases generally is
 2 you do it between yourself and Dr. Somers, for
 3 example, is whatever comes in that day you
 4 happen to be grossing, you end up doing?
 5 DR. GALLAGHER:
 6 A. Yes.
 7 COFFEY, Q.C.:
 8 Q. How does that work with respect to the larger
 9 specimens, for example, breast tissue that is
 10 left overnight to fix? Who's responsible for
 11 that case?
 12 DR. GALLAGHER:
 13 A. Once it's assigned to you, you do it.
 14 COFFEY, Q.C.:
 15 Q. Okay, perhaps you could tell -- so assigned to
 16 you in the sense of when it comes in, if you
 17 end up doing, if you do the bread loafing --
 18 DR. GALLAGHER:
 19 A. Yes.
 20 COFFEY, Q.C.:
 21 Q. Then the next day you're back at the grossing
 22 bench?
 23 DR. GALLAGHER:
 24 A. That's correct.
 25 COFFEY, Q.C.:

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1 Q. Okay.

2 DR. GALLAGHER:

3 A. It's your specimen from then on.

4 COFFEY, Q.C.:

5 Q. So although you wouldn't normally then be at

6 the grossing bench the next day because that's

7 not your turn --

8 DR. GALLAGHER:

9 A. That's right.

10 COFFEY, Q.C.:

11 Q. You would have to attend, make a point to do

12 so?

13 DR. GALLAGHER:

14 A. That's correct, yes, usually. Sometimes if

15 there was some reason you couldn't be there,

16 the other pathologist might take the sections

17 for you, but generally you would take the

18 sections yourself.

19 COFFEY, Q.C.:

20 Q. I'm sorry, Doctor, interrupted you there.

21 Being required then to return to the gross

22 bench on your off day, as it were, what would

23 then happen with respect to a breast tissue?

24 DR. GALLAGHER:

25 A. Well, again you would remove the specimen from

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1 the container and you would begin to take your

2 sections with a scalpel. The example of a

3 mastectomy specimen, you would take sections

4 from the nipple, random sections from the

5 quadrants, sections from a tumour or biopsy

6 cavity site if it's there, and sections from

7 any other suspicious area. Frequently after

8 that then, I would say usually we would

9 removed the accessory tail from the specimen

10 if it's present and keep it for fixation for a

11 following day in formalin and on the morning

12 of the following day, on the morning of the

13 Wednesday if we had started on Monday, we

14 would put that specimen in acetic formalin and

15 that makes the nodes, the lymph nodes, become

16 whiter and more obvious, and we would then

17 dissect those lymph nodes on that following

18 afternoon of Wednesday.

19 COFFEY, Q.C.:

20 Q. So on the middle day, on the Tuesday in our

21 example, having taken the sections, dissected

22 the tissue, what would then happen to the

23 tissue that you wanted to examine further?

24 DR. GALLAGHER:

25 A. We would make thin sections of the specimen

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1 that we wanted to look at, of the pieces of

2 tissue we wanted to look at, and we would put

3 them into perforated boxes called cassettes,

4 and these would then be placed again in

5 formalin awaiting the tissue processing stage.

6 At 4:30, they would go into the tissue

7 processor, and then they would go through a

8 series of processes within the processor

9 starting with more fixation for formalin

10 actually at a slightly increased temperature

11 to enhance the degree of fixation, and they

12 would then be dehydrated in various stations

13 of alcohol to remove the water. They would

14 then be cleared by being exposed to xylene.

15 They would then be infiltrated with wax and

16 that's when the process would stop, around 5

17 a.m. and they would be removed then by the

18 technologists who come on in the morning and

19 put the waxed tissue specimen from the

20 cassette into a mould that contains molten

21 wax, and the cassette itself is broke in two,

22 the top is taken off, and the specimen and the

23 waxed mould is then stuck on the back of the

24 cassette which is numbered with the patient's

25 name. That then is put on a microtome which

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1 is a rotary slicer of tissue similar to a meat

2 slicer in a delicatessen, basically, and it

3 takes very thin sections of these wax blocks.

4 A thin section of about three to five microns

5 from this wax block is then floated in a bath

6 and a slide numbered with the patient's name

7 is put under the section and the section is

8 put onto the glass slide and is then stained

9 and coverslipped.

10 And that then is put on a microtome which

11 is a rotary slicer of tissue, similar to a

12 meat slicer in a delicatessen, basically, and

13 it takes very thin sections of these wax

14 blocks. A thin section of about three to five

15 microns from this wax block is then floated in

16 a bath and a slide numbered with the patient's

17 name is put under the section and the section

18 is put onto the glass slide and is then

19 stained and coverslipped.

20 COFFEY, Q.C.:

21 Q. And it's stained H&E -

22 DR. GALLAGHER:

23 A. With H&E, hematoxylin and eosin.

24 COFFEY, Q.C.:

25 Q. So on that day then, the first slide, H&E

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1 slides are prepared, they would end up in your
 2 office?
 3 DR. GALLAGHER:
 4 A. Yes, they would end up in my office, starting
 5 at around 9:30 in the morning.
 6 COFFEY, Q.C.:
 7 Q. And that would be the morning they came off
 8 the tissue processor?
 9 DR. GALLAGHER:
 10 A. That's correct.
 11 COFFEY, Q.C.:
 12 Q. So, Doctor, you would examine them and I take
 13 it note your observations at the time?
 14 DR. GALLAGHER:
 15 A. Yes.
 16 COFFEY, Q.C.:
 17 Q. Doctor, in relation to breast tissue, breast
 18 cancer, the ordering of ER and PR, when would
 19 that occur?
 20 DR. GALLAGHER:
 21 A. That would occur after I had examined the
 22 whole case under the microscope and had made
 23 my diagnosis of invasive cancer. I would then
 24 select the block corresponding to a slide that
 25 had representative tumour that was well

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1 preserved on it and showed no evidence of
 2 necrosis on it. And it was representative of
 3 the tumour in general from the other slides.
 4 COFFEY, Q.C.:
 5 Q. What would then -- well, we'll get to what
 6 happened because I take it that changed over
 7 time, depending upon what time frame or what
 8 year in this time frame we'll be dealing with.
 9 I take it then that the block that you had
 10 selected would be sent somewhere for ER/PR IHC
 11 and processing?
 12 DR. GALLAGHER:
 13 A. Yes.
 14 COFFEY, Q.C.:
 15 Q. I'll concentrate then on what happened when it
 16 came back to you when we get to that stage of
 17 the process here. Doctor, who's responsible
 18 in James Paton for the maintenance of the
 19 tissue processor?
 20 DR. GALLAGHER:
 21 A. The technologists and their supervisors.
 22 COFFEY, Q.C.:
 23 Q. Doctor, do you know if there were any written
 24 policies over the years that they have, like
 25 protocols that they have to follow?

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1 DR. GALLAGHER:
 2 A. Yes, there are.
 3 COFFEY, Q.C.:
 4 Q. And who's responsible for vetting them as to
 5 their appropriateness and making sure they're
 6 up to date?
 7 DR. GALLAGHER:
 8 A. The supervisors would be.
 9 COFFEY, Q.C.:
 10 Q. And that would be the technologist's
 11 supervisor?
 12 DR. GALLAGHER:
 13 A. Yes, and the technologists and he supervisor
 14 would be.
 15 COFFEY, Q.C.:
 16 Q. Would the -- have the pathologists over the
 17 years been consulted about those, would you be
 18 asked to review them?
 19 DR. GALLAGHER:
 20 A. We've discussed the processor and the
 21 processing techniques with them and the buying
 22 of a new processor, which occurred in 2003, I
 23 think. That's really --
 24 COFFEY, Q.C.:
 25 Q. The extent of your involvement.

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1 DR. GALLAGHER:
 2 A. The extent of what we've done with that.
 3 COFFEY, Q.C.:
 4 Q. Doctor, for the pathologists, are there any
 5 written policies or procedures or protocols?
 6 DR. GALLAGHER:
 7 A. Yes, there are.
 8 COFFEY, Q.C.:
 9 Q. How long have they existed?
 10 DR. GALLAGHER:
 11 A. Well, most of our written policies on gross
 12 examination as policies are from this year.
 13 Prior to that, we relied on the policies
 14 written in Ackerman Surgical Pathology to
 15 guide us.
 16 COFFEY, Q.C.:
 17 Q. Now, Doctor, I'm going to ask you then to
 18 describe for the Commissioner, I'm going to
 19 particularly now focus on the ER and PR aspect
 20 of the matter. When you -
 21 DR. GALLAGHER:
 22 A. I'm sorry, I should add that in our histology
 23 manual, there are descriptions laid out for
 24 the pathologists on the gross examination of
 25 specimens that go back many years.

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1 COFFEY, Q.C.:

2 Q. In your histology manual.

3 DR. GALLAGHER:

4 A. Yes.

5 COFFEY, Q.C.:

6 Q. As opposed to--so that, this is what I was

7 asking you about, so this histology written

8 manual, that has existed for -

9 DR. GALLAGHER:

10 A. That has existed for many years.

11 COFFEY, Q.C.:

12 Q. And they do, you're pointing out that there is

13 a policy there dealing with the grossing

14 process?

15 DR. GALLAGHER:

16 A. Yes, there is, by the way, also a policy in

17 the hospital dating back to 1992 that mandates

18 that all specimens be placed in formalin

19 following removal by the nurses in the OR and

20 that's an OR policy.

21 COFFEY, Q.C.:

22 Q. Doctor, perhaps before I leave it now I'm on

23 the topic, is there currently a policy in the

24 hospital dealing with fixation?

25 DR. GALLAGHER:

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1 A. Yes, there is.

2 COFFEY, Q.C.:

3 Q. And how long has that existed and how, if at

4 all, has it changed over the years?

5 DR. GALLAGHER:

6 A. Well, there were general policies as I've

7 mentioned in the histology manual regarding

8 formalin and the hazards of formalin and there

9 existed a policy in the OR manual regarding

10 how all specimens must be placed in formalin.

11 COFFEY, Q.C.:

12 Q. That's the 1992 one.

13 DR. GALLAGHER:

14 A. 1992 policy, but our policies became more

15 explicit on formalin in '08, in this year.

16 COFFEY, Q.C.:

17 Q. And the policy, did you develop your own

18 written policy or -

19 DR. GALLAGHER:

20 A. The first policy we were given from '08 was

21 from Dr. Carter and we received a subsequent

22 policy document from Dr. Denic.

23 COFFEY, Q.C.:

24 Q. Doctor, I'm going to take you back now to when

25 you arrived in Gander, well perhaps even

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1 before I get to that, Doctor, in your training

2 when you first were trained as a pathologist,

3 I take it your training was in Calgary?

4 DR. GALLAGHER:

5 A. Yes, and in Galway.

6 COFFEY, Q.C.:

7 Q. Yes, it started in Ireland and continued in

8 Calgary. Doctor, certainly in your days in

9 Calgary, okay, what was utilized, what process

10 was utilized at that time to attempt to

11 determine the estrogen and progesterone

12 presence in breast tissue or breast tumours?

13 DR. GALLAGHER:

14 A. I have no very clear recollection of that in

15 Calgary. I do know in Galway previous to

16 Calgary, we were doing the biochemical assay

17 and we were phasing in ER/PR in Galway. In

18 Calgary, I think we were doing ER/PR, but I

19 have no clear recollection of that, ER/PR

20 immunohistochemistry. I surmise that we were,

21 but I can't remember whether we were or not.

22 COFFEY, Q.C.:

23 Q. I'll take you, fast forward as it were, skip

24 in the intervening--well I'll ask you, during

25 the intervening years, were you, before you

Page 48

1 ended up in Gander in 1994, were you exposed

2 to ER/PR by the IHC method?

3 DR. GALLAGHER:

4 A. Not in my professional practice.

5 COFFEY, Q.C.:

6 Q. Then when you arrived in Gander, what was the

7 situation in 1994?

8 DR. GALLAGHER:

9 A. The situation was that fresh tissue was frozen

10 and sent to Dr. Prabhakaran at the Health

11 Sciences Centre for a biochemical assay for a

12 ligand binding assay. And formalin fixed

13 tissue, it was required that estrogen and

14 progesterone receptors be performed, was sent

15 to Dr. Zayid in Halifax.

16 COFFEY, Q.C.:

17 Q. So why was the biochemical assay being done

18 for ER/PR and you say as well they were

19 utilizing Halifax for the IHC method?

20 DR. GALLAGHER:

21 A. Yes.

22 COFFEY, Q.C.:

23 Q. Both going on at the one time?

24 DR. GALLAGHER:

25 A. No, well what would happen is on some cases

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1 one would receive fresh tissue. Now the
 2 practice of breast surgery has changed quite a
 3 bit since the 70s. It was common practice in
 4 the 70s and 80s to do frozen section
 5 examinations of breast prior to mastectomy,
 6 for example or definitive surgery on the day.
 7 So we would frequently receive breast tissue
 8 with obvious tumour within it and the tumours
 9 would be quite large in those days as well,
 10 because I think diagnosis wasn't as well
 11 refined on the radiology side. So we would
 12 frequently receive large tumours and we would
 13 do a frozen section on those tumours and
 14 confirm their malignancy and we would then
 15 have enough tumour tissue available to safely
 16 remove a cube of that tissue and sent it for
 17 biochemical assay without compromising the
 18 diagnosis and management of the specimen.
 19 COFFEY, Q.C.:
 20 Q. By the paraffin, H&E paraffin -
 21 DR. GALLAGHER:
 22 A. Yes, yes.
 23 COFFEY, Q.C.:
 24 Q. Preserved H&E slides?
 25 DR. GALLAGHER:

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1 A. Yes, we could take a large block out of that
 2 specimen and still be confident we would make
 3 a diagnosis that was comprehensive and
 4 accurate on that specimen.
 5 COFFEY, Q.C.:
 6 Q. With what you had -
 7 DR. GALLAGHER:
 8 A. With what we had left, because we would not
 9 know what was in that cube other than what we
 10 had taken for frozen section.
 11 COFFEY, Q.C.:
 12 Q. So you would send, I take it, in those
 13 situations, Dr. Prabhakaran would receive a
 14 frozen tissue -
 15 DR. GALLAGHER:
 16 A. Yes.
 17 COFFEY, Q.C.:
 18 Q. - for the biochemical assay determination of
 19 ER/PR levels.
 20 DR. GALLAGHER:
 21 A. That's correct.
 22 COFFEY, Q.C.:
 23 Q. And that--would that report actually come back
 24 to you?
 25 DR. GALLAGHER:

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1 A. Yes.
 2 COFFEY, Q.C.:
 3 Q. The biochemical report?
 4 DR. GALLAGHER:
 5 A. Yes, it would.
 6 COFFEY, Q.C.:
 7 Q. And what would you do with the biochemical
 8 report?
 9 DR. GALLAGHER:
 10 A. We would send it to the physician.
 11 COFFEY, Q.C.:
 12 Q. Then the other situation, perhaps you can
 13 describe then when Halifax was utilized?
 14 DR. GALLAGHER:
 15 A. Well, more and more frequently we got small
 16 specimens of breast that contained small
 17 tumours. We began to see more needle
 18 localization specimens where a needle is
 19 placed beside a suspicious lesion and these
 20 lesions could be very small. One might have a
 21 tumour that was less than a centimetre across
 22 and it became increasingly difficult to remove
 23 a representative piece of this specimen
 24 without running the risk of removing important
 25 diagnostic material. So it became

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1 increasingly standard practice in pathology to
 2 put the suspicious area through in its
 3 entirety and then if a malignancy was
 4 discovered in that specimen, one would then
 5 have to send it for immunohistochemistry
 6 because the biochemical assay required fresh
 7 tissue. You could not do the biochemical
 8 assay on formalin fixed tissue.
 9 COFFEY, Q.C.:
 10 Q. So when you arrived in Gander, I take it this
 11 was the situation you found?
 12 DR. GALLAGHER:
 13 A. Yes.
 14 COFFEY, Q.C.:
 15 Q. In some particular patients, tumours were such
 16 that biochemical assay analysis was
 17 appropriate--was possible, not appropriate,
 18 and it was done.
 19 DR. GALLAGHER:
 20 A. Yes.
 21 COFFEY, Q.C.:
 22 Q. And in those cases and I take it from what
 23 you've told us then as time went on, '94, '95,
 24 there were more and more cases that wasn't
 25 possible for and the IHC, ER/PR IHC method

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1 would have to be used for ER/PR?
 2 DR. GALLAGHER:
 3 A. Yes.
 4 COFFEY, Q.C.:
 5 Q. And you would send it off to Halifax?
 6 DR. GALLAGHER:
 7 A. That's correct.
 8 COFFEY, Q.C.:
 9 Q. What was the situation, so you would send a
 10 block to Halifax with a request, I take it,
 11 that ER/PR be conducted.
 12 DR. GALLAGHER:
 13 A. Yes.
 14 COFFEY, Q.C.:
 15 Q. What would you get back from Halifax?
 16 DR. GALLAGHER:
 17 A. We would get back a report and the report
 18 would state that the receptors were positive
 19 or negative. They would use adjectives such
 20 as strongly or weakly positive.
 21 COFFEY, Q.C.:
 22 Q. Do you recall if at that time they were
 23 utilizing percentages?
 24 DR. GALLAGHER:
 25 A. No, they were not using percentages.

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1 COFFEY, Q.C.:
 2 Q. And did you have any understanding about what
 3 strongly or weakly or moderately meant?
 4 DR. GALLAGHER:
 5 A. Not in terms of its significance for patient
 6 management.
 7 COFFEY, Q.C.:
 8 Q. Having received the written report, I'll ask
 9 you, would you receive the block back?
 10 DR. GALLAGHER:
 11 A. Yes.
 12 COFFEY, Q.C.:
 13 Q. Did you receive the slides, do you recall?
 14 DR. GALLAGHER:
 15 A. I don't recall.
 16 COFFEY, Q.C.:
 17 Q. And I take it if the slides did come back, you
 18 wouldn't look at them -
 19 DR. GALLAGHER:
 20 A. I think we did eventually receive the slides
 21 back, actually, I think we did, sometime
 22 later.
 23 COFFEY, Q.C.:
 24 Q. Would you have examined them back in those
 25 days yourself when they came in from Halifax?

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1 DR. GALLAGHER:
 2 A. No.
 3 COFFEY, Q.C.:
 4 Q. So I take it you had the report itself,
 5 Doctor.
 6 DR. GALLAGHER:
 7 A. No, sorry, the slides--I don't recall ever
 8 seeing those slides on those cases, I'm sorry,
 9 the ER/PR slides from Halifax, I don't think
 10 we did.
 11 COFFEY, Q.C.:
 12 Q. And you'd be relying upon the report from
 13 Halifax, the written report?
 14 DR. GALLAGHER:
 15 A. Yes, that's correct.
 16 COFFEY, Q.C.:
 17 Q. And who would you--what would you do with the
 18 report?
 19 DR. GALLAGHER:
 20 A. The report would go to all the physicians who
 21 were mentioned on the requisition.
 22 COFFEY, Q.C.:
 23 Q. Doctor, I'll ask you just to think about it
 24 for a second, do you ever recall being
 25 questioned by--because you had forwarded the

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1 report on, I take it?
 2 DR. GALLAGHER:
 3 A. Yes.
 4 COFFEY, Q.C.:
 5 Q. To the oncologist or the surgeon or both, for
 6 that matter.
 7 DR. GALLAGHER:
 8 A. Yes.
 9 COFFEY, Q.C.:
 10 Q. Did you ever receive any--do you ever recall
 11 receiving any inquiries as to what was meant
 12 by strongly, weakly or moderately from the
 13 attending physicians?
 14 DR. GALLAGHER:
 15 A. No.
 16 COFFEY, Q.C.:
 17 Q. What then happened with respect to ER/PR then
 18 as we progress then?
 19 DR. GALLAGHER:
 20 A. Well, subsequent to this, I became aware of
 21 Dr. Khalifa in St. John's and the fact that he
 22 was interested in gynecological oncology and
 23 breast pathology and he also did several
 24 locums for us in Gander and we began to send
 25 more and more cases to him on gynecological

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1 pathology and on breast pathology. So we felt
 2 it nature to send him estrogen and
 3 progesterone receptor determinations as well.
 4 COFFEY, Q.C.
 5 Q. If we could, please--and in terms of the ER/PR
 6 by IHC method in St. John's, how did you
 7 become aware that it was even being done in
 8 St. John's? Do you recall -
 9 DR. GALLAGHER:
 10 A. No, I don't recall.
 11 COFFEY, Q.C.
 12 Q. Because I take it, originally when you're
 13 utilizing Halifax, you would have understood,
 14 I take it, at the time or did you understand
 15 at the time that it wasn't being done in St.
 16 John's?
 17 DR. GALLAGHER:
 18 A. Yes, we had to go to Halifax at that time.
 19 COFFEY, Q.C.
 20 Q. And you can't recall who first alerted you to
 21 the fact that Dr. Khalifa and St. John's are
 22 now involved in this?
 23 DR. GALLAGHER:
 24 A. No.
 25 COFFEY, Q.C.

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1 Q. But at some point you learned that they were
 2 and you started to send cases.
 3 DR. GALLAGHER:
 4 A. Yes.
 5 COFFEY, Q.C.
 6 Q. If I could please, there is an exhibit that I
 7 do wish to--it'll come up later, Doctor, this
 8 particular exhibit. Commissioner, if I could,
 9 Exhibit P-2360, it's just a single exhibit for
 10 Dr. Gallagher.
 11 THE COMMISSIONER:
 12 Q. Entered.
 13 EXHIBIT P-2360 MARKED AND ENTERED.
 14 COFFEY, Q.C.
 15 Q. And Doctor there has been many, many exhibits
 16 entered already, that's why there's only one
 17 through yourself. Entered, Commissioner?
 18 Thank you. P-1850. Now, Doctor, this is a
 19 memorandum, Health Care Corporation of St.
 20 John's dated February 16th, 1998. It's from
 21 Dr. Khalifa to all Newfoundland pathologists,
 22 and the subject is "Reporting of Estrogen and
 23 Progesterone Receptor Immunohistochemical
 24 Results." Now do you recall whether you ever
 25 received this?

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1 DR. GALLAGHER:
 2 A. I did receive it.
 3 COFFEY, Q.C.
 4 Q. And at the time, Doctor, well first of all
 5 I'll ask you, had you had any understanding or
 6 sense that this initiative involving reporting
 7 by individual pathologists throughout the
 8 province was being planned?
 9 DR. GALLAGHER:
 10 A. No.
 11 COFFEY, Q.C.
 12 Q. This was your first introduction to the idea
 13 that you would be asked--you and your fellow
 14 pathologists outside of St. John's and perhaps
 15 even within St. John's, outside Dr. Khalifa,
 16 in fact, were going to be asked to report your
 17 own ER/PR?
 18 DR. GALLAGHER:
 19 A. That's correct.
 20 COFFEY, Q.C.
 21 Q. Doctor, perhaps you could just take us through
 22 it then, you have, of course the mouse there
 23 if you wish, and I'll ask you your reaction to
 24 various parts of it and your reaction overall
 25 to the idea that you were henceforth report

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1 ER/PR.
 2 DR. GALLAGHER:
 3 A. Well, it was a very well written and
 4 comprehensive memo that explained what the
 5 process was going to be. I have said already
 6 that my professional practice did not include
 7 ER/PR assessment, but given that Dr. Khalifa
 8 felt we were fully capable of doing this, I
 9 was quite happy to proceed with it.
 10 COFFEY, Q.C.
 11 Q. When you look at, when you scroll to page 2,
 12 phase 2, and it indicates this phase involving
 13 each pathologist being asked to report results
 14 of his or her own cases, it's indicated by the
 15 brown staining of nuclei of the invasive
 16 neoplastic cells would start March 1, 1998.
 17 And he would mail you the positive controls
 18 whenever technically possible and he gives an
 19 assurance that he will review the positive
 20 controls in the lab and slides wouldn't go out
 21 to you unless adequate staining is noted in
 22 those positive controls. And he offers to be
 23 available to answer any questions or address
 24 any concerns.
 25 Now Doctor, brown staining of nuclei of

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1 the invasive neoplastic cells, up to that
 2 point, were there any stains that you were
 3 interpreting that involved nuclei staining?
 4 DR. GALLAGHER:
 5 A. No. Obviously I'd seen some of these stains
 6 in the books and in my residency, not only
 7 ER/PR, but T67 and other stains, but I was not
 8 interpreting any of these stains on a regular
 9 basis.
 10 COFFEY, Q.C.
 11 Q. Nuclei staining.
 12 DR. GALLAGHER:
 13 A. Nuclear staining.
 14 COFFEY, Q.C.
 15 Q. The other staining, the stains you would be
 16 looking at would be cytoplasmic or membrane.
 17 DR. GALLAGHER:
 18 A. That's correct. On the rare occasion that I
 19 would interpret them myself.
 20 COFFEY, Q.C.
 21 Q. And just to give the Commissioner some sense,
 22 at that point, in early 1998, how many IHC
 23 stains would you order? I take it, the
 24 special stains--how often would you order
 25 special stains?

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1 DR. GALLAGHER:
 2 A. Well, special chemical stains are ordered
 3 frequently within the laboratory. These would
 4 be things like PAS diastase, reticulin, those
 5 sorts of stains would be ordered within our
 6 laboratory.
 7 COFFEY, Q.C.
 8 Q. And produced within your laboratory?
 9 DR. GALLAGHER:
 10 A. And produced within our laboratory every week.
 11 Immunohistochemical stains, it's quite
 12 difficult to say how many we would produce a
 13 year or order a year. I would imagine we
 14 might order one or two a week. It might be
 15 something of that order.
 16 COFFEY, Q.C.
 17 Q. And this is at that point, of course, I'm
 18 talking about early 1998, late 1997, early
 19 1998 in the lead up to this.
 20 DR. GALLAGHER:
 21 A. Yes, we might order one a week, one or two a
 22 week in that order or it might be less.
 23 COFFEY, Q.C.
 24 Q. And they would be performed at that time
 25 where?

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1 DR. GALLAGHER:
 2 A. In St. John's.
 3 COFFEY, Q.C.
 4 Q. Was IHC staining ever done at James Paton?
 5 DR. GALLAGHER:
 6 A. No.
 7 COFFEY, Q.C.
 8 Q. And, of course, up to this point these one or
 9 two IHC stains per week that you might order
 10 or would order in St. John's, of course,
 11 didn't involve the ER/PR which was being done
 12 in Halifax.
 13 DR. GALLAGHER:
 14 A. That's correct.
 15 COFFEY, Q.C.
 16 Q. Doctor, now the positive controls that are
 17 referred to here, did you understand them to
 18 be positive external controls?
 19 DR. GALLAGHER:
 20 A. Yes.
 21 COFFEY, Q.C.
 22 Q. What was your practice, what was your
 23 experience in terms of external controls
 24 generally?
 25 DR. GALLAGHER:

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1 A. Well, external controls are used throughout
 2 the pathology laboratory. And they're
 3 important to ensure that a test is working.
 4 So, I knew of external controls for many areas
 5 of the lab.
 6 COFFEY, Q.C.
 7 Q. Doctor, such external, for example, positive
 8 controls, would they generally--would they be
 9 a yes or no, they stained or didn't or could
 10 they stain weakly or strongly?
 11 DR. GALLAGHER:
 12 A. There would be a range of acceptable staining.
 13 COFFEY, Q.C.
 14 Q. For external controls generally.
 15 DR. GALLAGHER:
 16 A. For external controls.
 17 COFFEY, Q.C.
 18 Q. Now, the positive controls referred to here
 19 for ER/PR, did you have any understanding or
 20 expectation as to whether or not a range of
 21 staining was acceptable?
 22 DR. GALLAGHER:
 23 A. I thought a range of staining was acceptable.
 24 COFFEY, Q.C.
 25 Q. Because that was consistent with the special

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1 stains?
 2 DR. GALLAGHER:
 3 A. That's consistent with pathology in general.
 4 One sees quite a bit of variety in staining in
 5 pathology.
 6 COFFEY, Q.C.
 7 Q. In particular I'm speaking of the external
 8 controls even. You can expect generally a
 9 fair amount of variability.
 10 DR. GALLAGHER:
 11 A. You can.
 12 COFFEY, Q.C.
 13 Q. The idea that, for example, the idea here that
 14 the external positive controls should, if
 15 they're working properly, should be staining
 16 significantly. There should be a significant
 17 portion of the external control stained, of
 18 its nuclei stained. The fact that that might
 19 be important wasn't really brought to your
 20 attention?
 21 DR. GALLAGHER:
 22 A. No.
 23 COFFEY, Q.C.
 24 Q. Doctor, the assurance the Dr. Khalifa gave
 25 here, I will still be responsible for

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1 reviewing the positive controls here in our
 2 laboratory and the slides will not be mailed
 3 to you unless adequate staining is noted in
 4 the positive controls. What did you
 5 understand that from that and what, if any,
 6 influence did that then have upon your
 7 behaviour subsequently?
 8 DR. GALLAGHER:
 9 A. It certainly reassured me that the process
 10 would be closely monitored and in this case,
 11 would be reviewed by an expert. I drew
 12 considerable confidence from it.
 13 COFFEY, Q.C.
 14 Q. Doctor, up until this point in time you'd been
 15 utilizing Halifax, well to your knowledge, for
 16 about four years.
 17 DR. GALLAGHER:
 18 A. Yes.
 19 COFFEY, Q.C.
 20 Q. Increasingly as time we on, as you indicated,
 21 more and more.
 22 DR. GALLAGHER:
 23 A. Yes.
 24 COFFEY, Q.C.
 25 Q. But why did you--I'll ask your first of all,

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1 was the service that you were receiving from
 2 Halifax adequate?
 3 DR. GALLAGHER:
 4 A. Yes, it was.
 5 COFFEY, Q.C.
 6 Q. Why did you consider then switching to St.
 7 John's?
 8 DR. GALLAGHER:
 9 A. Well, firstly because it makes good medical
 10 sense for pathology cases to be reviewed in
 11 the same institution and dealt with in the
 12 same institution as the oncologists practice.
 13 It's common practice in many cancer centres
 14 for all pathology to be reviewed and often re-
 15 tained in the cancer centre where the
 16 treatment will take place. So, I felt it was
 17 better if, as far as possible, such testing
 18 could occur within our system because we
 19 obviously will have more control over the
 20 quality of that system than if it were done
 21 elsewhere. And there's less likely to be
 22 problem of opinions going back and forth
 23 between provinces. So, it made good medical
 24 sense from that point of view.
 25 COFFEY, Q.C.

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1 Q. Yes, Dr. Khalifa was in St. John's and you
 2 understood, I take it, from you dealings with
 3 him that he was dealing with the cancer
 4 treatment centre here -
 5 DR. GALLAGHER:
 6 A. Yes.
 7 COFFEY, Q.C.
 8 Q. - and the oncologists.
 9 DR. GALLAGHER:
 10 A. He was an acknowledged expert in gynecological
 11 oncology and it made sense for him to be
 12 dealing with this test where he was right next
 13 to the oncologists and had a good working
 14 relationship with them.
 15 COFFEY, Q.C.
 16 Q. Now Doctor, -
 17 THE COMMISSIONER:
 18 Q. I'm sorry, Mr. Coffey, while this is just
 19 splitting through my bring, do I understand
 20 that there would be no oncologists based in
 21 Gander?
 22 DR. GALLAGHER:
 23 A. There are no oncologists based in Gander.
 24 They visit -
 25 THE COMMISSIONER:

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1 Q. Periodically.
 2 DR. GALLAGHER:
 3 A. - from St. John's.
 4 THE COMMISSIONER:
 5 Q. Coming from the centre in St. John's?
 6 DR. GALLAGHER:
 7 A. They do.
 8 COFFEY, Q.C.
 9 Q. And then phase 3, he talks about the plan,
 10 discontinuance of the biochemical techniques.
 11 Doctor, it goes on to say, "attached please
 12 find a proposal for uniform reporting of ER/PR
 13 immunohistochemical staining. This proposal
 14 was discussed with many of my colleagues who
 15 mostly agree with its content and accept it as
 16 a policy. I encourage you to adopt the
 17 attached proposal in your reporting to
 18 maintain uniformity. It should be clearly
 19 stated this is only a proposal". And he
 20 points out there are considerable host of
 21 publications addressing this issue and he'd be
 22 glad to share the material he has.
 23 And if we look at the third page, it is
 24 the actual proposal for uniform reporting of
 25 ER/PR immunohistochemical assessment, February

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1 1998. "The report on the hormone receptor
 2 status will have three components. The first
 3 component is a statement of whether the stain
 4 is positive or negative. Positivity is
 5 defined by nuclear staining detected any
 6 number of malignant cells. Second component
 7 is a rough estimate of the percentage of
 8 immuno-reactive cells in a section examined.
 9 This estimate could be in the form of a range
 10 or a fixed number and is listed in
 11 parenthesis".
 12 Now, up to this point in time, Doctor,
 13 had you ever been involved in making rough
 14 estimate, rough or otherwise, of the
 15 percentage of immuno-reactive cells, in any
 16 sort of stains?
 17 DR. GALLAGHER:
 18 A. No.
 19 COFFEY, Q.C.
 20 Q. This was something new that was being asked of
 21 you?
 22 DR. GALLAGHER:
 23 A. Yes.
 24 COFFEY, Q.C.
 25 Q. And then the third component is a comment, it

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1 says, this comment dealing with the 1990
 2 American Journal of Surgical Pathology article
 3 paper dealing with the 30 percent cutoff.
 4 DR. GALLAGHER:
 5 A. Yes.
 6 COFFEY, Q.C.
 7 Q. Now, Doctor, in terms of this comment aspect,
 8 I'll ask you about this first, from your
 9 perspective as a pathologist, per se, did that
 10 make any difference to your practice, the cut
 11 off issue.
 12 DR. GALLAGHER:
 13 A. No, it did not make any difference to how I
 14 assessed the slide.
 15 COFFEY, Q.C.
 16 Q. And that's perhaps what I was getting at,
 17 whether you included it or not might be
 18 another issue, but in terms of how you
 19 assessed the slide, whether it was one
 20 percent, ten or 90 or 100 percent, what the
 21 cut off an oncologist might use was their
 22 concern.
 23 DR. GALLAGHER:
 24 A. That's correct.
 25 COFFEY, Q.C.

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1 Q. You were looking for this rough estimate or
 2 make this estimate and in some instances, I
 3 take it, it might be rough.
 4 DR. GALLAGHER:
 5 A. Yes.
 6 COFFEY, Q.C.
 7 Q. How would you then--did you speak to anybody
 8 about how you should go about making this
 9 estimate, Doctor?
 10 DR. GALLAGHER:
 11 A. No, I consulted the textbooks and did some
 12 reading on it, but that's as far as I went in
 13 terms of my research.
 14 COFFEY, Q.C.
 15 Q. And how then did you approach it?
 16 DR. GALLAGHER:
 17 A. I would firstly examine the positive controls
 18 and check the number on the positive controls,
 19 make sure it matched with the slide in
 20 question. I would, of course, check the H & E
 21 slide that came back to make sure that this
 22 was the correct case and it was indeed
 23 invasive and to get a clear idea of where the
 24 invasive component was in the slide. I would
 25 then put the ER slide on the microscope stage

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1 on low power. And I would try to obtain a
 2 rough idea of how extensive the staining was.
 3 The brown nuclei would be in one area and the
 4 blue nuclei, which is basically how the other
 5 nuclei, the negative nuclei would look on the
 6 slide would be beside them. And I would get a
 7 rough idea from my 2 power lens which is
 8 actually a 20 magnification because you got a
 9 2 power and a 10 power in the microscope. So,
 10 at 20 magnification I would get a rough idea
 11 of how many cells were staining. Perhaps I
 12 would say is it greater than half or less than
 13 half for starters? And if it's greater than
 14 half, is it more than 75 or less than 75? I
 15 would then go onto the higher powers by 10
 16 which is by 100 and by 40 which is by 400,
 17 just to make sure that the staining was crisp
 18 and strong in the nuclei, that it was indeed
 19 nuclear staining and not cytoplasmic staining.
 20 And that I would clearly see where the tumour
 21 was in terms of the blue nuclei beside it,
 22 that these were, indeed, tumour nuclei that I
 23 was considering to be negative. And I would
 24 give then a rough estimate of the number of
 25 these nuclei, these malignant epithelial cell

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1 nuclei that were staining brown of the total
 2 malignant epithelial cell nuclei.
 3 COFFEY, Q.C.
 4 Q. I take it this approach, you arrived at having
 5 read the memo and read text and journals,
 6 would there have been articles at that time?
 7 DR. GALLAGHER:
 8 A. There would have been, yes.
 9 COFFEY, Q.C.
 10 Q. And then having arrived at a figure in your
 11 head, a number, I take it you would record
 12 that or have that recorded.
 13 DR. GALLAGHER:
 14 A. Yes.
 15 COFFEY, Q.C.
 16 Q. And you'd go through the same process for the
 17 PR slide.
 18 DR. GALLAGHER:
 19 A. That's correct.
 20 COFFEY, Q.C.
 21 Q. Doctor, then in terms of reporting it, what
 22 format did you use to report the ER/PR?
 23 DR. GALLAGHER:
 24 A. I reported it as shown in example one and two
 25 there. I would report the receptors as

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1 positive if there were any cells positive.
 2 So, I would say estrogen receptors positive
 3 bracket percentage of cells, progesterone
 4 receptors positive bracket percentage of
 5 cells. And I would not put in a comment. I
 6 did not put in a comment.
 7 COFFEY, Q.C.
 8 Q. And why is that, Doctor?
 9 DR. GALLAGHER:
 10 A. It was just my personal preference. I had
 11 read very little about ER/PR. I had a very
 12 limited understanding of it, but from my
 13 limited understanding, I felt that there was
 14 some divergence of opinion as to what a
 15 positive case would be among the oncologists
 16 in terms of treatment.
 17 COFFEY, Q.C.
 18 Q. You understood enough about it to realize that
 19 there might be differences of opinion with the
 20 oncologists.
 21 DR. GALLAGHER:
 22 A. Yes.
 23 COFFEY, Q.C.
 24 Q. And so rather get into that, I take it, you
 25 chose or be asked about it even or insert

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1 yourself into that potential disagreement, you
 2 chose to put down what I see.
 3 DR. GALLAGHER:
 4 A. Yes, it was generally my policy not to put
 5 down comments from an academic paper on our
 6 reports in Gander. I generally did not do
 7 that. And I thought in this case as well, it
 8 was my feeling that I should leave it up to
 9 the oncologists to decide what a significant
 10 number was.
 11 COFFEY, Q.C.
 12 Q. Now, Doctor, having adopted that approach and
 13 I take it you began to order ER/PR stains from
 14 St. John's, you would get the slides and would
 15 report them.
 16 DR. GALLAGHER:
 17 A. Yes.
 18 COFFEY, Q.C.
 19 Q. Examine them and report them in the way you've
 20 described. Did you ever get any questions
 21 back from the oncologists about that aspect of
 22 your reports?
 23 DR. GALLAGHER:
 24 A. No. I don't recall ever getting a question
 25 back from the oncologists about that.

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1 COFFEY, Q.C.
 2 Q. About ER/PR.
 3 DR. GALLAGHER:
 4 A. About ER/PR.
 5 COFFEY, Q.C.
 6 Q. Doctor, you did refer to the fact that when
 7 you look at the external control slide, that
 8 you cross referenced it with the patient slide
 9 to make sure it was the right control slide
 10 for the right patient slide.
 11 DR. GALLAGHER:
 12 A. Yes.
 13 COFFEY, Q.C.
 14 Q. What was it that you could--what allowed you
 15 to do that?
 16 DR. GALLAGHER:
 17 A. The surgical number was written the control
 18 slide.
 19 COFFEY, Q.C.
 20 Q. On the control slide.
 21 DR. GALLAGHER:
 22 A. Yes.
 23 COFFEY, Q.C.
 24 Q. So, the control slide would be identified
 25 somehow about the control slide, control -

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1 DR. GALLAGHER:
 2 A. Yes.
 3 COFFEY, Q.C.
 4 Q. And a surgical number would be on it?
 5 DR. GALLAGHER:
 6 A. Yes.
 7 COFFEY, Q.C.
 8 Q. And that surgical number would relate to the
 9 patient surgical number.
 10 DR. GALLAGHER:
 11 A. Yes.
 12 COFFEY, Q.C.
 13 Q. Doctor, while I'm on the topic, over the
 14 years, approximately how many breast cancer
 15 patients, how many ER/PR analysis would be
 16 done annually or originating in Gander?
 17 DR. GALLAGHER:
 18 A. Approximately 20 per year.
 19 COFFEY, Q.C.
 20 Q. About one every two and a half weeks.
 21 DR. GALLAGHER:
 22 A. Yes.
 23 COFFEY, Q.C.
 24 Q. And if it was operated on the basis of chance,
 25 I take it that you would then, if there is two

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1 of you there, you'd do ten a year.
 2 DR. GALLAGHER:
 3 A. That's correct.
 4 COFFEY, Q.C.
 5 Q. Which would be less than one a month.
 6 DR. GALLAGHER:
 7 A. That's right.
 8 COFFEY, Q.C.
 9 Q. Doctor, while it's crossing my mind, the
 10 example, when we were talking about fixation,
 11 we used breast tissue as the example, you
 12 utilized, for example, Monday. If Monday was
 13 the day of the surgery, was breast surgery in
 14 Gander done on any particular day?
 15 DR. GALLAGHER:
 16 A. No, it was done on every day.
 17 COFFEY, Q.C.
 18 Q. So, what would happen if it was done on a
 19 Friday, how would this work?
 20 DR. GALLAGHER:
 21 \ A. Well, the specimen would be cut and would fix
 22 over the weekend.
 23 COFFEY, Q.C.
 24 Q. Okay. So, it would be cut, I take it, it
 25 would be breadloafed -

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1 DR. GALLAGHER:
 2 A. It would be breadloafed and it would fix over
 3 the weekend.
 4 COFFEY, Q.C.
 5 Q. Would there ever be instances when breast
 6 surgery would occur and it would not be
 7 breadloafed on that day because breast surgery
 8 occurred later in the day.
 9 DR. GALLAGHER:
 10 A. I don't recall an instance, but that was
 11 always a hazard and we tried to avoid that
 12 happening by examining the OR sheet which we
 13 were given every day from the OR and
 14 discussing it with the technologists if there
 15 were any breast cases scheduled for the
 16 afternoon that might run later than they were
 17 present in the laboratory. So, if that
 18 happened, we would collect the specimens
 19 ourselves and cut them ourselves after the
 20 technologists left.
 21 COFFEY, Q.C.
 22 Q. Doctor, was that limited to breast specimens
 23 or was there -
 24 DR. GALLAGHER:
 25 A. No, that's for all specimens actually, for all

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1 specimens we would attempt to make sure the
 2 specimens were opened at the weekend and
 3 exposed to formalin.
 4 COFFEY, Q.C.
 5 Q. I take it then that if that occurred, like
 6 late in the week, it would be picked up in the
 7 process, wherever you were in the process of
 8 the following work day, the next work day.
 9 DR. GALLAGHER:
 10 A. Yes.
 11 COFFEY, Q.C.
 12 Q. Which would be the next regularly scheduled
 13 work day, a Monday or a Tuesday depending on
 14 whether there was a long weekend.
 15 DR. GALLAGHER:
 16 A. Yes.
 17 COFFEY, Q.C.
 18 Q. Okay. Doctor, in describing the process,
 19 analytic process involving ER/PR, you just
 20 went through, internal controls, okay, would
 21 you, back in 1998, would be looking for
 22 internal controls in relation to ER/PR?
 23 DR. GALLAGHER:
 24 A. My emphasis was on external controls. I was
 25 aware of the issue of internal controls, but I

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1 relied on the external controls. I did put my
 2 emphasis on the external controls.
 3 COFFEY, Q.C.
 4 Q. You say you were aware of it. How would you
 5 become aware of it?
 6 DR. GALLAGHER:
 7 A. Well, from my residency training, the issue of
 8 internal controls had been mentioned in
 9 immunohistochemistry in general.
 10 COFFEY, Q.C.:
 11 Q. How about, in particular, in relation to ER/PR
 12 IHC testing for breast tissue and usage of
 13 internal controls there in a particular
 14 instance of that?
 15 DR. GALLAGHER:
 16 A. No, I was not aware of it as a particular
 17 issue in ER/PR.
 18 COFFEY, Q.C.:
 19 Q. So, Doctor, in 1998, I take it yourself and
 20 Dr. Somers -- Dr. Somers would have been away
 21 at that point?
 22 DR. GALLAGHER:
 23 A. Yes, Dr. Abdullah was --
 24 COFFEY, Q.C.:
 25 Q. Abdullah.

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1 DR. GALLAGHER:
 2 A. Was present at that time.
 3 COFFEY, Q.C.:
 4 Q. And I take it from what you've described to
 5 the Commissioner so far, while Dr. Abdullah
 6 was there, you can just kind of substitute Dr.
 7 Abdullah's name for Dr. Somers.
 8 DR. GALLAGHER:
 9 A. That's right.
 10 COFFEY, Q.C.:
 11 Q. When yourself and -- Dr. Abdullah was doing
 12 this as well?
 13 DR. GALLAGHER:
 14 A. He was.
 15 COFFEY, Q.C.:
 16 Q. The ER/PR. When that got up and running then
 17 in 1998, what if anything is your next memory
 18 then of ER/PR in terms of -- it was a routine
 19 thing?
 20 DR. GALLAGHER:
 21 A. Yes.
 22 COFFEY, Q.C.:
 23 Q. Ordering it.
 24 DR. GALLAGHER:
 25 A. Well, we had no problem that we knew of for

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1 the subsequent years up until 2005.
 2 COFFEY, Q.C.:
 3 Q. If we could, please, Exhibit -- actually
 4 before I leave this, I'll ask you, Doctor, you
 5 did receive this memo. On this particular
 6 exhibit, Doctor, there is appended here, and
 7 I'm not necessarily suggesting it went to you,
 8 okay, back then, there's a document entitled
 9 "Immunohistochemical staining of steroid
 10 receptors, correlation with biochemistry. A
 11 report of our experience over a nine month
 12 period, January '97 to September '97", it
 13 spells it out, "concordance between
 14 immunohistochemistry results and biochemistry
 15 results", there are actually 19 of these cases
 16 here, and the Commissioner has seen this
 17 already, and just to get some sense, Doctor,
 18 when we look back at the beginning of this
 19 memo in the second paragraph, Dr. Khalifa had
 20 said, "Recent audits correlating IHC with
 21 biochemical results in selected specimens
 22 where both techniques had been running
 23 parallel, have shown high accuracy of the
 24 introduced IHC detection. Results of these
 25 audits have been discussed in several meetings

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1 and are available for review". So, Doctor,
 2 that actual document here at page four, did
 3 you ever receive a copy of that, do you
 4 recall?
 5 DR. GALLAGHER:
 6 A. No, I did not.
 7 COFFEY, Q.C.:
 8 Q. This did not actually accompany the memo
 9 itself.
 10 DR. GALLAGHER:
 11 A. No.
 12 COFFEY, Q.C.:
 13 Q. It was -- I take it here, if one wanted to see
 14 the audit, one could ask for a copy?
 15 DR. GALLAGHER:
 16 A. That's correct.
 17 COFFEY, Q.C.:
 18 Q. Exhibit P-0113, please. Doctor, this is a
 19 memorandum from Dr. Ejeckam, April 4th, 2003.
 20 It's addressed to pathologists, HSC, St.
 21 Clare's, and out of town hospitals, and he
 22 writes, "Please note that immunohistochemical
 23 stains with the following antibodies", and he
 24 lists eight of them and the last two are ER
 25 and PR, "have remained unreliable, erratic,

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1 and, therefore, unhelpful for diagnostic
 2 purposes. Consequent on the above, staining
 3 with these antibodies will stop forthwith
 4 until we can solve the reliability sensitivity
 5 and specificity", I think is what it should
 6 read, "problems. Efforts are underway and
 7 hopefully a solution will be found within the
 8 next four to six weeks. You will be duly
 9 informed when such stains can resume". Signed
 10 by Dr. Ejeckam, copied to Barry Dyer and all
 11 technical staff on immunohistochemistry.
 12 Doctor, in 2003, did you receive a copy of
 13 this?
 14 DR. GALLAGHER:
 15 A. No, I did not.
 16 COFFEY, Q.C.:
 17 Q. When did you first become aware of this and
 18 the 2003 Dr. Ejeckam memos, we're going to
 19 look at the next two as well -- when did you
 20 first become aware of their existence?
 21 DR. GALLAGHER:
 22 A. I think it was in 2007.
 23 COFFEY, Q.C.:
 24 Q. Doctor, page two of the Exhibit P-0113, the
 25 May 2nd, 2003, memo, I take it, Doctor -- this

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1 is the one where he begins by saying, "I'm
 2 glad to inform you we've rectified the
 3 difficulties related to the immunostain of
 4 ER/PR. Therefore, we can now resume regular
 5 requests for these antibody stains. I will,
 6 however, like to bring the following
 7 information to your attention", and he goes on
 8 for three pages. Did you receive a copy of
 9 this in 2003?
 10 DR. GALLAGHER:
 11 A. No, I did not.
 12 COFFEY, Q.C.:
 13 Q. When did you first become aware of this one?
 14 DR. GALLAGHER:
 15 A. Again in 2007.
 16 COFFEY, Q.C.:
 17 Q. Doctor, in 2007 - when did you first actually
 18 read it, do you recall?
 19 DR. GALLAGHER:
 20 A. It was late in 2007.
 21 COFFEY, Q.C.:
 22 Q. Now this particular document, the May 2nd one,
 23 Doctor Ejeckam does go on at some length about
 24 various aspects or potential aspects of
 25 estrogen receptors and progesterone receptor

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1 IHC testing, and beginning with, "Results of
 2 the immunostains may be affected by", and he
 3 talks about fixation issues, dehydration,
 4 tissue reprocessing, and he talks about
 5 optimal fixation times, 10 percent neutral
 6 buffer formalin, regularly checking and
 7 changing the grades of alcohol in the tissue
 8 processor, he indicates would eliminate
 9 inadequate tissue dehydration, ER/PR false
 10 negative results, increase in core biopsies or
 11 limit the request to excision biopsies, check
 12 normal breast acini in your sections as
 13 internal controls, this is a second level
 14 control, nuclear staining of normal breast
 15 tissue is heterogeneous and varies with
 16 menstrual cycle. He goes on at some length,
 17 and you have had a chance since to read this?
 18 DR. GALLAGHER:
 19 A. Yes.
 20 COFFEY, Q.C.:
 21 Q. Doctor, would this have been of some
 22 assistance to you, do you believe, in 2003?
 23 DR. GALLAGHER:
 24 A. It's difficult to say looking back now. Most
 25 of this information which is very well put

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1 together here were things I was aware of at
 2 the time.
 3 COFFEY, Q.C.:
 4 Q. And, Doctor, he does in paragraph seven refer
 5 to ER positive tumours will tend to or be more
 6 likely than not to be positive for ER. He
 7 lists four of them and he has indicated he
 8 should have listed lobular as well as a fifth.
 9 He's told the Commissioner that. Would you
 10 have been aware of that?
 11 DR. GALLAGHER:
 12 A. I would have been aware that in general more
 13 well differentiated tumours tend to be
 14 estrogen receptor positive as a general
 15 principle.
 16 COFFEY, Q.C.:
 17 Q. In your practice over the years, would you
 18 have been alert to that when you were actually
 19 looking at individual cases because you would
 20 see only -- you'd only see about ten a year
 21 yourself.
 22 DR. GALLAGHER:
 23 A. Yes.
 24 COFFEY, Q.C.:
 25 Q. Would you have --

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1 DR. GALLAGHER:
 2 A. Well, the issue would be if you saw a negative
 3 lobular or tubular carcinoma, you'd have to
 4 consider whether it was one of the five or ten
 5 percent that should be negative when you're
 6 seeing so small a number. So it did not
 7 affect my practice.
 8 COFFEY, Q.C.:
 9 Q. Doctor, do you know if anyone in Gander
 10 received a copy of this memo, the April 4th
 11 one?
 12 DR. GALLAGHER:
 13 A. No.
 14 COFFEY, Q.C.:
 15 Q. I take it you made inquiries in that regard
 16 since?
 17 DR. GALLAGHER:
 18 A. No, I did not.
 19 COFFEY, Q.C.:
 20 Q. I take it your assumption would be, though, if
 21 it came, I would have seen it?
 22 DR. GALLAGHER:
 23 A. I would have -- I would have been told about
 24 it.
 25 COFFEY, Q.C.:

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1 Q. Doctor, the reference here in paragraph three,
 2 the internal controls issues as being a second
 3 level control, were you aware of that and the
 4 potential importance of that, we are told at
 5 least by certain witnesses, to ER/PR IHC
 6 analysis?
 7 DR. GALLAGHER:
 8 A. I wasn't aware that it was so important. I
 9 mean, as I said, I thought it was something
 10 that was preferable to include if you could on
 11 a sample, but I did not regard it at the time
 12 as something that was absolutely vital to have
 13 on a case.
 14 COFFEY, Q.C.:
 15 Q. And to be fair here, what would you have -- if
 16 you had read this at the time, what would you
 17 have understood to be a second level control,
 18 the meaning of a second level control?
 19 DR. GALLAGHER:
 20 A. A back up control, I guess.
 21 COFFEY, Q.C.:
 22 Q. Because, like, reading the language that is
 23 there and comparing it to what you understand
 24 now that you just referred to as to the
 25 potential significance of internal controls,

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1 bearing in mind what you now understand and
 2 comparing that understanding to what is
 3 written there, would you have gotten your
 4 current understanding from what's written
 5 there now, do you think?
 6 DR. GALLAGHER:
 7 A. It's hard to say. Perhaps not. We've heard
 8 so much about internal controls over the last
 9 year that I think if this memo were written
 10 today, it would be more strongly emphasized.
 11 COFFEY, Q.C.:
 12 Q. You would think if you were to receive a memo
 13 like this today that was to be circulated --
 14 DR. GALLAGHER:
 15 A. Yes, a memo of this type would be.
 16 COFFEY, Q.C.:
 17 Q. So looking at that at the time, and again I
 18 appreciate you're saying it's difficult to
 19 know hat I would have done looking back in
 20 2003, but it might not have leaped out at you
 21 at the time?
 22 DR. GALLAGHER:
 23 A. I don't think it would have, and there is one
 24 other thing on this memo, number two, item
 25 number two, I think, is a matter of some

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1 controversy.
 2 COFFEY, Q.C.:
 3 Q. Yes.
 4 DR. GALLAGHER:
 5 A. In the medical literature, from my limited
 6 reading.
 7 COFFEY, Q.C.:
 8 Q. And controversy even continuing to this day?
 9 DR. GALLAGHER:
 10 A. To this very day, yes.
 11 COFFEY, Q.C.:
 12 Q. Doctor, but in any case, I take it that the
 13 memo -- receiving the memo couldn't have hurt
 14 you back in 2003?
 15 DR. GALLAGHER:
 16 A. No, it's a well written memo, very well
 17 written memo.
 18 COFFEY, Q.C.:
 19 Q. Doctor, looking at the first page of the
 20 exhibit, would it have been of interest to you
 21 at the time in April of 2003 to have known
 22 that Dr. Ejeckam in St. John's was describing
 23 eight antibodies or the immunohistochemical
 24 stains with these eight antibodies were
 25 considered by him, anyway, or characterized by

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1 him as unreliable, erratic, and unhelpful for
 2 diagnostic purposes?
 3 DR. GALLAGHER:
 4 A. Yes, it would.
 5 COFFEY, Q.C.:
 6 Q. If you had received that back then, what do
 7 you think your reaction might have been?
 8 DR. GALLAGHER:
 9 A. I think I would have been concerned about the
 10 ER and PR, which was something that I was at
 11 the time quite confident about.
 12 COFFEY, Q.C.:
 13 Q. And might you have made inquiries of St.
 14 John's at the time, do you think?
 15 DR. GALLAGHER:
 16 A. It's possible for sure.
 17 COFFEY, Q.C.:
 18 Q. What's going on here?
 19 DR. GALLAGHER:
 20 A. Yes, what is it -- I might have sought some
 21 clarification of what this meant for me.
 22 COFFEY, Q.C.:
 23 Q. Doctor, at the time in terms of -- because up
 24 to that point you probably would have reported
 25 a case looking at your stats during the

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1 previous month. You know, on average you did
 2 about one a month?
 3 DR. GALLAGHER:
 4 A. Yes.
 5 COFFEY, Q.C.:
 6 Q. Do you know whether -- a reported ER and PR
 7 case the previous month, might you have made
 8 inquiries about, well, what about the one I
 9 reported last month?
 10 DR. GALLAGHER:
 11 A. Yes, well, that would be reasonable to think
 12 about.
 13 COFFEY, Q.C.:
 14 Q. How about the other six stains that are listed
 15 there, would you be utilizing those at the
 16 time?
 17 DR. GALLAGHER:
 18 A. No, apart from the possible exception of CEA.
 19 The first stain is a keratin stain and it's
 20 used mainly in the diagnosis of prostatic
 21 carcinoma and we don't see urologic specimens
 22 in Grand Falls - in Gander. They see them in
 23 Grand Falls. The next four stains are
 24 lymphoid markers, and all cases suspicious for
 25 lymphoma in Gander are sent to St. John's.

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1 COFFEY, Q.C.:
 2 Q. To be dealt with.
 3 DR. GALLAGHER:
 4 A. To be dealt with there, and they read the
 5 stains there themselves.
 6 COFFEY, Q.C.:
 7 Q. And that's been going on for many years, I
 8 take it?
 9 DR. GALLAGHER:
 10 A. For many years. Dr. Abdullah had an interest
 11 in hemapathology, so he would on occasion read
 12 some of the lymphoid markers himself, but
 13 apart from that that we'd been sending our
 14 lymph nodes that are suspicious for lymphoma
 15 or that have come up as abnormal on flow
 16 cytometry to St. John's for diagnosis, and
 17 they read the stains down there themselves.
 18 CEA, carcinoma embryonic antigen, is rarely
 19 used in my practice. I've rarely ordered it.
 20 I doubt if I order it once a year.
 21 COFFEY, Q.C.:
 22 Q. Okay, but the ER/PR, you would be ordering
 23 those about once a month?
 24 DR. GALLAGHER:
 25 A. Yes.

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1 COFFEY, Q.C.:

2 Q. Possibly once a month, and as you indicated,

3 because you had no concerns at all about it?

4 DR. GALLAGHER:

5 A. That's right.

6 COFFEY, Q.C.:

7 Q. So you were quite comfortable, and to receive

8 a memo from a doctor indicating a suspension

9 of that testing and describing it as

10 unreliable, erratic, and unhelpful, might have

11 -- I don't want to overstate it, but it might

12 have alarmed you?

13 DR. GALLAGHER:

14 A. It might have, yes.

15 COFFEY, Q.C.:

16 Q. Doctor, I take it then that in the spring of

17 2003, April, 2003, you've indicated you

18 thought or understood that there were no

19 problems with ER/PR that you were aware of,

20 you were confident with it, that continued

21 right up until 2005?

22 DR. GALLAGHER:

23 A. That's correct.

24 COFFEY, Q.C.:

25 Q. And your practice didn't change, what you

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1 described for the Commissioner, from '98

2 onward really?

3 DR. GALLAGHER:

4 A. It did not change.

5 COFFEY, Q.C.:

6 Q. Doctor Ejeckam, did you have any understanding

7 as to who he was?

8 DR. GALLAGHER:

9 A. Not at the time. I knew he was a physician

10 who had come from the Middle East to work in

11 St. John's, and that's really all I knew.

12 COFFEY, Q.C.:

13 Q. Did you subsequently learn anything further

14 about him as time went on, about his

15 involvement in immunohistochemistry?

16 DR. GALLAGHER:

17 A. Not until after I came back from Calgary.

18 COFFEY, Q.C.:

19 Q. Okay, that was -- so that was even after May

20 of '05, that's after -- it's, in fact, in

21 2007?

22 DR. GALLAGHER:

23 A. Yes.

24 COFFEY, Q.C.:

25 Q. When you became aware of Dr. Ejeckam's

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1 involvement in this whole matter?

2 DR. GALLAGHER:

3 A. Yes.

4 COFFEY, Q.C.:

5 Q. And at the time -- in fact, you've indicated

6 it was late '07 when you saw the memos?

7 DR. GALLAGHER:

8 A. Yes.

9 COFFEY, Q.C.:

10 Q. So that's when you would have learned about

11 it?

12 DR. GALLAGHER:

13 A. Yes.

14 COFFEY, Q.C.:

15 Q. Okay. I take it, Doctor, while we're on the

16 topic, page five, June 19th, 2003, Dr. Ejeckam

17 memo, was not addressed to you, so normally it

18 wouldn't have come to you and you wouldn't

19 have been aware of this back in 2003?

20 DR. GALLAGHER:

21 A. No.

22 COFFEY, Q.C.:

23 Q. You would have become aware of this in 2007?

24 DR. GALLAGHER:

25 A. This memo --

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1 COFFEY, Q.C.:

2 Q. And perhaps not even then.

3 DR. GALLAGHER:

4 A. I think I might have become aware of in 2008,

5 actually.

6 COFFEY, Q.C.:

7 Q. Doctor, could you tell us, please -- actually,

8 Commissioner, I'm going to move on now to the

9 2005. So we'll have the morning break, if we

10 would, and we'll come back and continue,

11 Doctor. Thank you.

12 COMMISSIONER:

13 Q. Take fifteen minutes.

14 (BREAK)

15 COMMISSIONER:

16 Q. Mr. Coffey.

17 COFFEY, Q.C.:

18 Q. Thank you, Commissioner. Doctor, in the

19 period between 1998 and 2005, May, 2005, or

20 June in your case, June, 2005, did you ever

21 hear of any concerns being expressed about ER

22 and PR staining in St. John's?

23 DR. GALLAGHER:

24 A. No.

25 COFFEY, Q.C.:

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1 Q. About IHC staining in general?
 2 DR. GALLAGHER:
 3 A. No, I did not.
 4 COFFEY, Q.C.:
 5 Q. Doctor, the matter that brings us here
 6 overall, when did you first become aware or
 7 hear about this and how, do you recall?
 8 DR. GALLAGHER:
 9 A. I recall several telephone conversations I had
 10 with Dr. Cook and Dr. Carter over the summer
 11 of 2005 regarding a problem with the Ventana
 12 machine and some problems with correlating
 13 that to the results on the DAKO machine.
 14 COFFEY, Q.C.:
 15 Q. Okay. If we could bring up Exhibit, please,
 16 P-0492? And Doctor, this is a memo to all
 17 laboratory directors beginning with Dr.
 18 Fontaine, and you're there, you're number four
 19 on the list. Actually it's Dr. F. Gallagher,
 20 which is I take it the initial of your proper
 21 first name.
 22 DR. GALLAGHER:
 23 A. That's correct, yes.
 24 COFFEY, Q.C.:
 25 Q. And it's dated June 14th, 2005. It's from Dr.

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1 Cook. It's re: estrogen and progesterone
 2 receptors and I want to ask you, did you
 3 receive a copy of this?
 4 DR. GALLAGHER:
 5 A. I don't know whether I did. I don't have a
 6 copy of it, but I know I discussed its
 7 contents at around this time with Dr. Cook.
 8 COFFEY, Q.C.:
 9 Q. And do you recall why or how it was you came
 10 to discuss this with Dr. Cook? Did he call
 11 you, you call him?
 12 DR. GALLAGHER:
 13 A. I think he called me.
 14 COFFEY, Q.C.:
 15 Q. And I take it just to talk to you generally
 16 about what was going on here?
 17 DR. GALLAGHER:
 18 A. Yes.
 19 COFFEY, Q.C.:
 20 Q. Do you recall what he told you? This is
 21 looking for all your 2002 slides. I'm sorry,
 22 blocks, slides.
 23 DR. GALLAGHER:
 24 A. Yes.
 25 COFFEY, Q.C.:

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1 Q. Reports.
 2 DR. GALLAGHER:
 3 A. Well, I don't recall in detail what he told
 4 me, but all I can remember is that there was
 5 an issue with the Ventana machine in that it
 6 was producing different results from the DAKO
 7 machine, and they wanted to check and see why
 8 this was. So they needed to review these
 9 cases to do so.
 10 COFFEY, Q.C.:
 11 Q. Now, so the idea that the--the assertion "we
 12 are aware of a number of negative estrogen and
 13 progesterone receptors that have converted on
 14 repeat testing with the Ventana," that's
 15 consistent with that, that the Ventana being
 16 utilized, for some reason, to retest earlier
 17 cases?
 18 DR. GALLAGHER:
 19 A. Yes.
 20 COFFEY, Q.C.:
 21 Q. And was giving different results for some
 22 negatives?
 23 DR. GALLAGHER:
 24 A. My impression at the time was that this was a
 25 relatively limited problem involving the

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1 introduction of new technology.
 2 COFFEY, Q.C.:
 3 Q. And he refers to now, here, he says, it's the
 4 third line, this new Ventana system is fully
 5 automated, much more sensitive than the
 6 technique under the previous DAKO method.
 7 "Most of these false negatives have occurred
 8 during the year 2002." Did you have any
 9 understanding as to when the Ventana had been
 10 first come on stream in St. John's?
 11 DR. GALLAGHER:
 12 A. No, I did not know that.
 13 COFFEY, Q.C.:
 14 Q. Do you recall whether or not Dr. Cook said or
 15 told you why they were concentrating on 2002?
 16 DR. GALLAGHER:
 17 A. No.
 18 COFFEY, Q.C.:
 19 Q. At the time, Doctor, in your initial contact
 20 with Dr. Cook and then Dr. Carter, from your
 21 perspective in Gander, how much did this
 22 involve you and your institution?
 23 DR. GALLAGHER:
 24 A. Well, it involved a considerable number of
 25 cases potentially. We had never received a

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1 request like this before. So it was an
 2 unusual request.
 3 COFFEY, Q.C.:
 4 Q. And I appreciate that. How about implications
 5 or ramifications for your own 2002 cases? Did
 6 you have any sense at the time that there was
 7 a potential for Gander's 2002 ER and PR cases
 8 to convert upon retesting?
 9 DR. GALLAGHER:
 10 A. I did not think of that at the time. I was
 11 not alarmed at the time.
 12 COFFEY, Q.C.:
 13 Q. And that's what I'm--it was an unusual
 14 request, but it didn't alarm you?
 15 DR. GALLAGHER:
 16 A. No, I thought it was a machine related issue,
 17 involving the processor, and I was not alarmed
 18 at the time, but I was a little bit uncertain
 19 as to how we would go about gathering up all
 20 this material and sending it in.
 21 COFFEY, Q.C.:
 22 Q. Did you make any inquiries of Doctors Cook or
 23 Carter about what should be sent in? In
 24 particular, I'll try to assist you in that
 25 regard, Exhibit P-2360, please?

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1 DR. GALLAGHER:
 2 A. Doctor, this is an e-mail of July 25th, 2005.
 3 It's from Dr. Carter, Beverley Carter, to
 4 yourself. She writes "1997"--it 2204 and
 5 presumably it should be 2004 and you would
 6 have understood it that way, "ER negative,
 7 don't care about PR. ER/PR slides, controls
 8 and the H & E of that block, that block
 9 report. I'm looking at the logic, type,
 10 grade, internal controls, external controls,
 11 date of testing." Signed Beverley Carter.
 12 Because you had written to her an e-mail the
 13 day before, July 24th, saying "I just wanted
 14 to check again the criteria on the breast
 15 cancers that you want us to send to St.
 16 John's, January '97 to December 2004. ER and
 17 PR negative, both negative, block HE slide,
 18 ER/PR slides and report."
 19 So Doctor, here, you're not certain you
 20 actually received the June 14th memo, but you
 21 may have, and in any case, you did discuss its
 22 subject matter with Dr. Cook?
 23 DR. GALLAGHER:
 24 A. Yes, and what happened between my first
 25 discussion with him and my e-mail, I honestly

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1 can't exactly recall, but I do know that I had
 2 subsequent conversations with one or both of
 3 them and the scope of the review expanded
 4 rapidly and it became obvious that this was a
 5 much more serious problem than I had first
 6 realized.
 7 COFFEY, Q.C.:
 8 Q. And you would have become aware of that during
 9 your conversations with Doctors Carter and
 10 Cook?
 11 DR. GALLAGHER:
 12 A. Yes.
 13 COFFEY, Q.C.:
 14 Q. Because as best, and I stand to be corrected
 15 on this, but as best I can see in the material
 16 we've looked at to date, this is the first
 17 communication involving a pathologist outside
 18 St. John's, involving Doctors Carter and Cook,
 19 that suggests that a doctor outside St. John's
 20 was aware of the expanded scope, in the sense
 21 of--because the actual memo looking for your
 22 slides from '97 through 2004 doesn't come
 23 until September.
 24 DR. GALLAGHER:
 25 A. Yes.

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1 COFFEY, Q.C.:
 2 Q. And you recall that?
 3 DR. GALLAGHER:
 4 A. Yes.
 5 COFFEY, Q.C.:
 6 Q. So by the end of July, well certainly by July
 7 24th, because--or based upon your
 8 conversations with Doctors Cook and Carter,
 9 you had come to the understanding that they
 10 were looking for the--your material from
 11 January of '97 to December of '04?
 12 DR. GALLAGHER:
 13 A. Yes.
 14 COFFEY, Q.C.:
 15 Q. And Doctor, in terms of the matter potentially
 16 being more serious, what had led you to that
 17 conclusion or thought or impression?
 18 DR. GALLAGHER:
 19 A. Well, from my conversations, I gathered the
 20 impression that this wasn't just a transition
 21 problem between the two machines involving a
 22 small number of cases. This was going to be a
 23 very wide ranging review of cases from across
 24 the province, and that this would obviously
 25 involve our cases and what we had done with

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1 those cases. So clearly, the scope of the
 2 review had changed.
 3 COFFEY, Q.C.:
 4 Q. If it wasn't a machine or solely a machine
 5 problem, switch over from one machine to the
 6 other, did you have any understanding of what
 7 it might involve, what it might be related to,
 8 if it wasn't machinery?
 9 DR. GALLAGHER:
 10 A. I had no clear understanding at the time what
 11 else it involved.
 12 COFFEY, Q.C.:
 13 Q. Doctor, up to this point, in June/July 2005,
 14 you would have, of course, known that over the
 15 years that Dr. Khalifa had long since left St.
 16 John's?
 17 DR. GALLAGHER:
 18 A. Yes.
 19 COFFEY, Q.C.:
 20 Q. He left St. John's in 1999, we understand.
 21 Doctor, what was your understanding about how
 22 the external controls were being handled for
 23 ER/PR related to his memo of February 1998,
 24 after he left? What was your understanding
 25 about what had happened?

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1 DR. GALLAGHER:
 2 A. Well, I assumed the same practice had
 3 continued, that these were being checked
 4 before being released to us.
 5 COFFEY, Q.C.:
 6 Q. Doctor, when you would send--I take it then as
 7 time went on with ER/PR in '98, '99, we
 8 understand there were requisition forms used?
 9 DR. GALLAGHER:
 10 A. Yes.
 11 COFFEY, Q.C.:
 12 Q. To order ER/PR?
 13 DR. GALLAGHER:
 14 A. Yes, that's right.
 15 COFFEY, Q.C.:
 16 Q. And this form, kind of in a bundle of forms,
 17 was circulated out of St. John's?
 18 DR. GALLAGHER:
 19 A. That's correct.
 20 COFFEY, Q.C.:
 21 Q. And you'd circle what you wanted, be filled
 22 in. Doctor, would you get the forms back?
 23 DR. GALLAGHER:
 24 A. Yes, with the case.
 25 COFFEY, Q.C.:

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1 Q. Occasionally on the forms, would there be any
 2 reference to the controls being checked, do
 3 you know?
 4 DR. GALLAGHER:
 5 A. I don't recall that.
 6 COFFEY, Q.C.:
 7 Q. So you understood that they were being
 8 checked, if not by Dr. Khalifa, then by his
 9 successor?
 10 DR. GALLAGHER:
 11 A. I did, yes, or by somebody designated by them.
 12 COFFEY, Q.C.:
 13 Q. Would you always get an external control slide
 14 for ER and PR?
 15 DR. GALLAGHER:
 16 A. I only recall one instance when I didn't.
 17 COFFEY, Q.C.:
 18 Q. And because it stands out, I take it?
 19 DR. GALLAGHER:
 20 A. Yes.
 21 COFFEY, Q.C.:
 22 Q. And what happened in that instance?
 23 DR. GALLAGHER:
 24 A. I phoned to ask for the controls and they sent
 25 it to me.

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1 COFFEY, Q.C.:
 2 Q. Doctor, do you ever recall encountering any
 3 problems with the external control slides,
 4 from your perspective?
 5 DR. GALLAGHER:
 6 A. I did not encounter a problem with the
 7 controls.
 8 COFFEY, Q.C.:
 9 Q. How about ER and PR slides themselves?
 10 DR. GALLAGHER:
 11 A. I thought they were all adequate.
 12 COFFEY, Q.C.:
 13 Q. Did you ever request any to be rerun?
 14 DR. GALLAGHER:
 15 A. No.
 16 COFFEY, Q.C.:
 17 Q. So repeats, as it were.
 18 DR. GALLAGHER:
 19 A. I did not.
 20 COFFEY, Q.C.:
 21 Q. Now I take it, when the external control
 22 slides would come out from St. John's, and
 23 even on the time you looked for it, you would
 24 check them when they came?
 25 DR. GALLAGHER:

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1 A. Yes.
 2 COFFEY, Q.C.:
 3 Q. You weren't just relying upon Dr. Khalifa's
 4 assurance?
 5 DR. GALLAGHER:
 6 A. No. No, I would check them.
 7 COFFEY, Q.C.:
 8 Q. And you don't--in your own case, you don't
 9 ever recall actually asking for a repeat?
 10 DR. GALLAGHER:
 11 A. No, I do not.
 12 COFFEY, Q.C.:
 13 Q. How about were you aware of whether or not Dr.
 14 Abdullah or Dr. Somers ever asked for a
 15 repeat, to your knowledge?
 16 DR. GALLAGHER:
 17 A. Not to my knowledge. I did not ask them, but
 18 not to my knowledge.
 19 COFFEY, Q.C.:
 20 Q. You don't recall -
 21 DR. GALLAGHER:
 22 A. They've never told me.
 23 COFFEY, Q.C.:
 24 Q. They never told you that.
 25 DR. GALLAGHER:

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1 A. They never told me they had a problem or they
 2 had to request a repeat.
 3 COFFEY, Q.C.:
 4 Q. Doctor, just looking at your--or this exchange
 5 of e-mails, July 24th and 25th, what then
 6 happened? Because I mean, we've gone from
 7 2002, the middle of June memo, June 14th memo,
 8 to at least in your e-mail exchange there with
 9 Dr. Carter by the end of July, we're into '97
 10 to '04. Up to the end of July, had you gone
 11 looking for the 2002 patients?
 12 DR. GALLAGHER:
 13 A. I think we had barely started that. We had--
 14 I'm not even sure whether we had done our
 15 searches or what we had done. We didn't have
 16 much of a sense of urgency about that issue,
 17 because it didn't seem like a very pressing
 18 matter.
 19 COFFEY, Q.C.:
 20 Q. And the impression, at least, you were left
 21 with was there was no urgency to get this done
 22 that week or the next?
 23 DR. GALLAGHER:
 24 A. Yes.
 25 COFFEY, Q.C.:

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1 Q. And this would have been summer time with, I
 2 take it, reductions in staff, vacations and so
 3 on?
 4 DR. GALLAGHER:
 5 A. That's correct.
 6 COFFEY, Q.C.:
 7 Q. When you did become of the expanded scope of
 8 this and potential for it to be more serious,
 9 what then happened in terms of looking for
 10 patients' material?
 11 DR. GALLAGHER:
 12 A. We started a Meditech set of searches to try
 13 and identify everybody who might be affected.
 14 COFFEY, Q.C.:
 15 Q. Doctor, did you start that before September?
 16 DR. GALLAGHER:
 17 A. Yes.
 18 COFFEY, Q.C.:
 19 Q. Okay, you were actually, having received this
 20 e-mail from--or having sent your--having
 21 talked to Dr. Carter -
 22 DR. GALLAGHER:
 23 A. Yes.
 24 COFFEY, Q.C.:
 25 Q. - and confirmed something in writing with her

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1 in the e-mail -
 2 DR. GALLAGHER:
 3 A. Yes.
 4 COFFEY, Q.C.:
 5 Q. - you then embarked upon this search?
 6 DR. GALLAGHER:
 7 A. Yes.
 8 COFFEY, Q.C.:
 9 Q. Now could you tell the Commissioner then what
 10 challenges you faced at the time, if any, but
 11 how you went about it and what challenges you
 12 faced?
 13 DR. GALLAGHER:
 14 A. Well, we were fortunate that our Meditech
 15 system went online in 1995. So we didn't have
 16 to do any manual searching. But there were
 17 challenges in terms of how the reports were
 18 phrased and the terms used in the reports,
 19 which even though we were using the synoptic
 20 reporting of Dr. Khalifa, there were still
 21 some variations in the way we would report
 22 cases, some slight changes in terminology or
 23 words, and that could cause difficulties for
 24 capturing cases. Basically, we started by
 25 doing a search for breast, all breast cases

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1 within these years, and then we looked for
 2 breasts and carcinomas, and then we looked for
 3 breasts, carcinomas and hormone receptors, and
 4 then we saw how many of the first two groups
 5 might contain a few cases that the last group
 6 missed, and we compiled a list and then
 7 checked through the three lists we had, the
 8 three searches we had, to see that everybody
 9 was on it.
 10 COFFEY, Q.C.:
 11 Q. And having compiled then a list or a total, a
 12 full list that you were satisfied contained
 13 the patients, all the patients, what did you
 14 do then?
 15 DR. GALLAGHER:
 16 A. We then began to gather up the blocks and
 17 slides to be sent to St. John's.
 18 COFFEY, Q.C.:
 19 Q. Doctor, when you were made aware of the
 20 initial request involving 2002, did you pass
 21 that on to your superiors in the hospital?
 22 DR. GALLAGHER:
 23 A. No, I did not.
 24 COFFEY, Q.C.:
 25 Q. And I take it you didn't do so because you

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1 didn't see it as urgent or in fact all that
 2 significant at the time?
 3 DR. GALLAGHER:
 4 A. I did not appreciate its significance at the
 5 time.
 6 COFFEY, Q.C.:
 7 Q. How about when you got this, by the end of
 8 July when you realized that there was an
 9 expanded scope to this?
 10 DR. GALLAGHER:
 11 A. I believe we spoke to Dr. Alteen sometime in
 12 August or September, I'm not exactly sure
 13 when, but we spoke to him or communicated with
 14 him at some point over those two months.
 15 COFFEY, Q.C.:
 16 Q. And in terms of supplying or responding to the
 17 request from St. John's, which is evidenced in
 18 Exhibit P-3260, P-2360, it's at the top of the
 19 page there, the exhibit number.
 20 DR. GALLAGHER:
 21 A. Oh yeah.
 22 COFFEY, Q.C.:
 23 Q. Doctor, who was primarily responsible for
 24 doing that within your organization, for
 25 organizing it?

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1 DR. GALLAGHER:
 2 A. For organizing the sending it, well, it was
 3 organized by--in terms of it being sent, by
 4 our pathology secretary. She would have sent
 5 the cases.
 6 COFFEY, Q.C.:
 7 Q. Okay. How about identifying them?
 8 DR. GALLAGHER:
 9 A. Myself and Dr. Somers and the technologists
 10 would identify the blocks and slides.
 11 COFFEY, Q.C.:
 12 Q. And I take it, identify the search criteria
 13 initially for Meditech?
 14 DR. GALLAGHER:
 15 A. The search criteria I decided, along with help
 16 from our information systems people.
 17 COFFEY, Q.C.:
 18 Q. So you did go to the IT technical folks?
 19 DR. GALLAGHER:
 20 A. Yes, I did. I did consult with the IT
 21 technical people.
 22 COFFEY, Q.C.:
 23 Q. And were they of any assistance?
 24 DR. GALLAGHER:
 25 A. They were.

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1 COFFEY, Q.C.:
 2 Q. And Doctor, while I'm on the subject, of
 3 course, you'd be aware that there have been
 4 issues raised publicly and there's been
 5 evidence before this Commission concerning
 6 patients subsequently identified that were
 7 missed the first time round.
 8 DR. GALLAGHER:
 9 A. Yes.
 10 COFFEY, Q.C.:
 11 Q. Has that occurred in your institution? Were
 12 there any patients missed?
 13 DR. GALLAGHER:
 14 A. It has.
 15 COFFEY, Q.C.:
 16 Q. And how--when were they identified and how did
 17 that come about?
 18 DR. GALLAGHER:
 19 A. In 2008, Grand Falls identified one case and
 20 then subsequently a second one, and our CEO,
 21 Karen McGrath, asked us to do another search
 22 to make sure we hadn't missed any. So we went
 23 back and did another search and we found a
 24 male with breast cancer and we realized that
 25 the first search had been restricted to

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1 females.
 2 COFFEY, Q.C.:
 3 Q. And that was utilizing the criteria initially?
 4 DR. GALLAGHER:
 5 A. Yes.
 6 COFFEY, Q.C.:
 7 Q. Three categories were all limited initially to
 8 females?
 9 DR. GALLAGHER:
 10 A. Yes.
 11 COFFEY, Q.C.:
 12 Q. Who fall into one of these three categories?
 13 DR. GALLAGHER:
 14 A. Yes.
 15 COFFEY, Q.C.:
 16 Q. And I take it that--was that patient--in 2008,
 17 was that patient's tissue then analyzed?
 18 DR. GALLAGHER:
 19 A. Yes.
 20 COFFEY, Q.C.:
 21 Q. And the patient notified?
 22 DR. GALLAGHER:
 23 A. The patient was deceased.
 24 COFFEY, Q.C.:
 25 Q. Deceased. Doctor, and in fact, there is the

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1 one patient and that's it?
 2 DR. GALLAGHER:
 3 A. That's it.
 4 COFFEY, Q.C.:
 5 Q. Doctor, having identified the patients in the
 6 summer and early fall of 2005, was there any
 7 problem in actually locating the blocks
 8 themselves and the slides?
 9 DR. GALLAGHER:
 10 A. Not too much of a problem. I mean, some of
 11 them are in different places, obviously going
 12 back that far, but we managed to locate them
 13 all eventually. We, of course, ran into some
 14 difficulties with that, but we managed to
 15 locate them in the end.
 16 COFFEY, Q.C.:
 17 Q. And they were then, i take it, packaged and
 18 sent off to St. John's?
 19 DR. GALLAGHER:
 20 A. Yes, they were packaged and sent off in
 21 several batches. We were talking to St.
 22 John's again subsequent to that, as to what
 23 they wanted, in terms of criteria. So they
 24 were packaged and sent off in, I think, three
 25 batches over the next two months.

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1 COFFEY, Q.C.:
 2 Q. With a view to, I take it, just getting the
 3 process started?
 4 DR. GALLAGHER:
 5 A. Yes.
 6 COFFEY, Q.C.:
 7 Q. Doctor, we understand that in August of 2005,
 8 at least in St. John's, ER/PR testing stopped,
 9 August 8th, August 9th, 2005. When did you
 10 first become aware of that?
 11 DR. GALLAGHER:
 12 A. Dr. Cook told me and I think I got a letter
 13 about that.
 14 COFFEY, Q.C.:
 15 Q. Okay, so -
 16 DR. GALLAGHER:
 17 A. A communication of some sort.
 18 COFFEY, Q.C.:
 19 Q. - you would have spoken to Dr. Cook?
 20 DR. GALLAGHER:
 21 A. Yes.
 22 COFFEY, Q.C.:
 23 Q. Give you a heads up, as it were.
 24 DR. GALLAGHER:
 25 A. Yes.

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1 COFFEY, Q.C.:
 2 Q. Okay, and could--throughout the summer of 2005
 3 and in the fall of 2005, Doctor, other than
 4 Doctors Cook and Carter, were you speaking to
 5 any other pathologists in Newfoundland about
 6 this? Well, obviously Dr. Somers, and I
 7 appreciate that.
 8 DR. GALLAGHER:
 9 A. Yes.
 10 COFFEY, Q.C.:
 11 Q. But anybody, any of the other doctors?
 12 DR. GALLAGHER:
 13 A. I think I may have spoken to Dr. Dalton just
 14 casually about our concerns.
 15 COFFEY, Q.C.:
 16 Q. And at the time, what did you express to him
 17 about what concerns you had?
 18 DR. GALLAGHER:
 19 A. Well, just how large a review this was and how
 20 alarming it was at the time.
 21 COFFEY, Q.C.:
 22 Q. By that point, Doctor, did you have any
 23 understanding from St. John's, your
 24 communications with St. John's, about how many
 25 or the extent of the conversions that had

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1 occurred?

2 DR. GALLAGHER:

3 A. No.

4 COFFEY, Q.C.:

5 Q. Did you have any understanding, given any

6 understanding as to the extent of the

7 investigation that was going on in St. John's,

8 and in fact, the nature of it?

9 DR. GALLAGHER:

10 A. No.

11 COFFEY, Q.C.:

12 Q. In terms of like the idea that in July, that

13 Dr. Carter had planned to do a full review of

14 all cases?

15 DR. GALLAGHER:

16 A. No, I did not know that.

17 COFFEY, Q.C.:

18 Q. Okay. Then what, Doctor, then did you learn

19 about--when did you first--what did you

20 understand by September was actually going to

21 happen? What was your impression or

22 understanding?

23 DR. GALLAGHER:

24 A. My understanding was that the cases would be

25 sent to Mount Sinai for retesting and the

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1 cases would then come back to St. John's and

2 decisions would be made regarding the

3 management of the patients who converted.

4 COFFEY, Q.C.:

5 Q. And those decisions then would be communicated

6 to whom? To the patients how? Would they

7 come back through your hospital?

8 DR. GALLAGHER:

9 A. My understanding was--I'm not sure exactly

10 when it occurred, but my understanding was

11 that a panel would be set up that would deal

12 with those issues.

13 COFFEY, Q.C.:

14 Q. So I take it initially, from your perspective,

15 in late July, August and September of '05, the

16 initial concern is identifying the patients

17 and getting the material and getting it out to

18 be retested?

19 DR. GALLAGHER:

20 A. Yes, exactly, we were just in a frantic rush

21 to try and get all this material together and

22 make sure it was correct, make sure we didn't

23 miss anybody, and get it down to St. John's as

24 soon as possible.

25 COFFEY, Q.C.:

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1 Q. Exhibit P-0590, please? Now Doctor, this is a

2 memo of September 6th 2005. It's to all

3 laboratory directors and you're listed there.

4 DR. GALLAGHER:

5 A. Yes.

6 COFFEY, Q.C.:

7 Q. And you would have received this memo from Dr.

8 Cook?

9 DR. GALLAGHER:

10 A. Yes. Yes, I did.

11 COFFEY, Q.C.:

12 Q. And in the meantime, you would have spoken

13 with him in the intervening time period?

14 DR. GALLAGHER:

15 A. Yes.

16 COFFEY, Q.C.:

17 Q. Doctor, Dr. Cook during those communications

18 with you, told you anything about what he had--

19 any of his observations up to late August,

20 early September, observations concerning, for

21 example, fixation issues?

22 DR. GALLAGHER:

23 A. Not to my recollection.

24 COFFEY, Q.C.:

25 Q. So if he had gleaned or come up with some

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1 information or come to some conclusions

2 himself, he didn't pass those on to you at the

3 time?

4 DR. GALLAGHER:

5 A. I don't recall if he did.

6 COFFEY, Q.C.:

7 Q. And do you think if in fact he had, like he

8 had attributed some cause or causes to this

9 that you would remember that?

10 DR. GALLAGHER:

11 A. Yeah, there was no forceful statement that

12 fixation is a number one or big problem.

13 COFFEY, Q.C.:

14 Q. Is an issue. Or internal controls or usage or

15 non-usage of internal controls?

16 DR. GALLAGHER:

17 A. No, the details on that, I don't recall as

18 being said as an issue at that time.

19 COFFEY, Q.C.:

20 Q. And I'm going to suggest to you, Doctor, that

21 if in fact it had been said to you or brought

22 to your attention at the time in a context of

23 everything that's happened here, bearing in

24 mind what you were being asked to do at the

25 time, you'd remember that?

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1 DR. GALLAGHER:
 2 A. I think so, I think I would have.
 3 COFFEY, Q.C.:
 4 Q. Doctor, what then was happening, we looked
 5 through this, I'm just going to look to the
 6 second page, I'm sorry. On the second page,
 7 Dr. Cook says that "the Laboratory Medicine
 8 Program is currently undergoing a quality
 9 review process" and it says, "note the
 10 following changes, there's a hold on reporting
 11 of ER/PR by pathologists in St. John's, all
 12 current requests for ER/PR going to Mount
 13 Sinai for IHC processing, interpretation and
 14 reporting, you may elect to directly refer
 15 your ER and PR to Mount Sinai or to a
 16 laboratory of your choice." Did you take him
 17 up on that, Doctor?
 18 DR. GALLAGHER:
 19 A. Yes, yes, I did.
 20 COFFEY, Q.C.:
 21 Q. And you communicated with, I take it Dr.
 22 Brendan Mullen?
 23 DR. GALLAGHER:
 24 A. Yes.
 25 COFFEY, Q.C.:

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1 Q. And the Commissioner has already seen a
 2 letter, a communication from Dr. Mullen to
 3 yourself?
 4 DR. GALLAGHER:
 5 A. Yes.
 6 COFFEY, Q.C.:
 7 Q. And then you, I take it then on your current
 8 cases, on a go-forward basis, that's what was
 9 done with them?
 10 DR. GALLAGHER:
 11 A. Since that time they have all been sent to
 12 Mount Sinai.
 13 COFFEY, Q.C.:
 14 Q. While I'm on the topic, Doctor, that continues
 15 to this day?
 16 DR. GALLAGHER:
 17 A. It does.
 18 COFFEY, Q.C.:
 19 Q. Doctor, how has the service been?
 20 DR. GALLAGHER:
 21 A. We've been very happy with it.
 22 COFFEY, Q.C.:
 23 Q. Doctor, have you been invited at any time or
 24 your hospital, has it been invited at any time
 25 to resume using St. John's?

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1 DR. GALLAGHER:
 2 A. Yes, I believe we were.
 3 COFFEY, Q.C.:
 4 Q. And do you recall when that was?
 5 DR. GALLAGHER:
 6 A. I think it might have been in '06 when I was
 7 away.
 8 COFFEY, Q.C.:
 9 Q. Okay, so you've learned of this since you came
 10 back.
 11 DR. GALLAGHER:
 12 A. Yes.
 13 COFFEY, Q.C.:
 14 Q. You were gone in fact, all of '06.
 15 DR. GALLAGHER:
 16 A. That's correct.
 17 COFFEY, Q.C.:
 18 Q. And you came back when in '07?
 19 DR. GALLAGHER:
 20 A. May 23rd.
 21 COFFEY, Q.C.:
 22 Q. Halfway through the--the day after the
 23 announcement of the Commission of Inquiry, as
 24 it turns out.
 25 DR. GALLAGHER:

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1 A. Oh.
 2 THE COMMISSIONER:
 3 Q. We weren't the only ones that (inaudible).
 4 COFFEY, Q.C.:
 5 Q. But, Doctor, then and you've been practising,
 6 of course, for the past--resumed practice in
 7 Gander over the past year, in doing so.
 8 DR. GALLAGHER:
 9 A. Yes.
 10 COFFEY, Q.C.:
 11 Q. Has any consideration been given during that
 12 time period to resuming utilization of St.
 13 John's for ER/PR testing?
 14 DR. GALLAGHER:
 15 A. Well we have considered it and I think we
 16 decided to stay with Mount Sinai for the
 17 present time. As I've said before, our
 18 preference long term would be for testing
 19 within the province because that's the best
 20 way to practice cancer care, to have all the
 21 tests done within the same system, that's the
 22 ideal way to do it. We knew that St. John's
 23 were very busy and they had a considerable
 24 shortfall in staff in the pathology side, so
 25 we felt that they were quite overburdened at

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1 that time and secondly, we felt we should wait
 2 until the inquiry was over.
 3 COFFEY, Q.C.:
 4 Q. By the time you arrived back on the scene and
 5 actually got back to work, the inquiry process
 6 had been announced and you understood that
 7 that would continue on and eventually, I don't
 8 know if you understood you would eventually be
 9 here, but you certainly understood that there
 10 would be a process and there'd be some result
 11 from it?
 12 DR. GALLAGHER:
 13 A. Yes.
 14 COFFEY, Q.C.:
 15 Q. And the decision was made considering all
 16 aspects of the matter, including that you
 17 should wait to see how things turned out.
 18 DR. GALLAGHER:
 19 A. Exactly.
 20 COFFEY, Q.C.:
 21 Q. And, Doctor, meantime, returning then to the
 22 memo, and I will be coming back to the '07
 23 events after you returned to work in Gander.
 24 Doctor, here the first bullet on the first
 25 page says "requesting you for all the ER

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1 negative cases and primary breast lesions,
 2 independent of PR status from May of '97 to
 3 March 31, '04." And you look at the last
 4 bullet on the first page, it then takes up the
 5 narrative, "All the ERs and PRs performed on
 6 the Ventana system from April 1, '04 to August
 7 9, '05, would also be referred to Mount Sinai
 8 for retesting. You can also forward these
 9 cases to Barry Dyer." Well, sir, what did you
 10 understand then about what was going on here
 11 in terms of why the division, as of April 1,
 12 '04?
 13 DR. GALLAGHER:
 14 A. I didn't know at the time why that division
 15 occurred?
 16 COFFEY, Q.C.:
 17 Q. And in terms of the first bullet, I take it
 18 over this timeframe, May '97 to March 31,
 19 2004, you're to go searching for all ER
 20 negative cases.
 21 DR. GALLAGHER:
 22 A. Yes.
 23 COFFEY, Q.C.:
 24 Q. And then they're defined in a certain way
 25 here, in the second bullet. Did you make any

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1 inquiries about the basis for that definition?
 2 DR. GALLAGHER:
 3 A. No, I found out about the definition while we
 4 were undergoing our searches because we were
 5 pulling, all the negatives up to 30 percent,
 6 but I did not ask why. I just accepted that
 7 that had been defined in that way for some
 8 reason and I just pulled the cases.
 9 COFFEY, Q.C.:
 10 Q. Now here he says, as you have indicated, you
 11 were pulling all negatives, which is 30 or
 12 less, I take it.
 13 DR. GALLAGHER:
 14 A. Yes.
 15 COFFEY, Q.C.:
 16 Q. Here, though, he says from January 1, '01
 17 onward to the, I suppose to March 31, 2004,
 18 defined as ten percent or less. What about
 19 the cases in 2001 and 2001 and 2003 that were,
 20 for example, 20 percent? Would you have sent
 21 them into St. John's?
 22 DR. GALLAGHER:
 23 A. No.
 24 COFFEY, Q.C.:
 25 Q. So initially it was 30 and less, across the

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1 board, going back to Dr. Carter's e-mail
 2 exchange, and then when you go this memo from
 3 January 1, 2001 onward, only the ERs of 10
 4 percent or less were sent?
 5 DR. GALLAGHER:
 6 A. That's correct.
 7 COFFEY, Q.C.:
 8 Q. That's the way you, you filtered them out.
 9 DR. GALLAGHER:
 10 A. Yes.
 11 COFFEY, Q.C.:
 12 Q. Doctor, what about the deceased patients, was
 13 any effort made at that point to identify the
 14 deceased and were they being sent to St.
 15 John's for retesting as well?
 16 DR. GALLAGHER:
 17 A. They were all sent.
 18 COFFEY, Q.C.:
 19 Q. Okay, in your case.
 20 DR. GALLAGHER:
 21 A. Yes.
 22 COFFEY, Q.C.:
 23 Q. You didn't distinguish between -
 24 DR. GALLAGHER:
 25 A. No. We saw this as a laboratory test, first

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1 of all, to determine the effectiveness of the
 2 test and the clinical implications and the
 3 treatment implications would be handled down
 4 the road.
 5 COFFEY, Q.C.:
 6 Q. Now, Doctor, at the time this was going on,
 7 you were engaged in this effort to identify
 8 the patients and to gather up the material to
 9 be sent, what was the situation in terms of
 10 whether or not the attending physicians were
 11 notified about the fact that this was even
 12 going on, the primary care physicians, you
 13 know what I'm getting at?
 14 DR. GALLAGHER:
 15 A. We did not notify them.
 16 COFFEY, Q.C.:
 17 Q. Were you asked not to or it didn't occur to
 18 you not to? Or it didn't occur to you to do
 19 so, I'm sorry.
 20 DR. GALLAGHER:
 21 A. I guess it did not occur to us to do so or for
 22 me to do so, I saw this as a province-wide
 23 review and I didn't feel that I had to do so
 24 at the time.
 25 COFFEY, Q.C.:

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1 Q. Doctor, in terms of within your organization
 2 actually notifying patients, who was
 3 responsible as time went on for doing that?
 4 DR. GALLAGHER:
 5 A. That was handled by Dr. Alteen.
 6 COFFEY, Q.C.:
 7 Q. Okay, and we'll be hearing from Dr. Alteen
 8 eventually, so as a pathologist, you were not-
 9 you didn't see that as part of your mandate,
 10 nor were you asked to get involved in that.
 11 DR. GALLAGHER:
 12 A. No.
 13 COFFEY, Q.C.:
 14 Q. The identification of all ERs and PRs from
 15 April 1, '04 to August 9, '05, which would
 16 include positives and negatives. Were they
 17 identified and sent to St. John's?
 18 DR. GALLAGHER:
 19 A. We only sent the negatives at that time.
 20 COFFEY, Q.C.:
 21 Q. Okay, why was that?
 22 DR. GALLAGHER:
 23 A. I think we misinterpreted the memo.
 24 COFFEY, Q.C.:
 25 Q. You assumed that it was the false negatives

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1 was what they were concerned about.
 2 DR. GALLAGHER:
 3 A. Yeah.
 4 COFFEY, Q.C.:
 5 Q. It's limited to negatives.
 6 DR. GALLAGHER:
 7 A. I guess we were so pre-occupied with the
 8 negatives from our previous communications
 9 with St. John's, that we thought it was only
 10 the negatives that they wanted.
 11 COFFEY, Q.C.:
 12 Q. And did you ever get any complaints from St.
 13 John's about not sending the positives?
 14 DR. GALLAGHER:
 15 A. No, we did not.
 16 COFFEY, Q.C.:
 17 Q. And the Commissioner has already heard that
 18 eventually it got limited to the negatives
 19 anyway, on the retesting, and you understood
 20 that, I take it as time went on.
 21 DR. GALLAGHER:
 22 A. Yes.
 23 COFFEY, Q.C.:
 24 Q. There's a reference then to what you should
 25 concentrate on, what particular periods. Did

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1 you follow that?
 2 DR. GALLAGHER:
 3 A. No, we just pulled everything.
 4 COFFEY, Q.C.:
 5 Q. There's a reference here to "we will return
 6 all blocks and slides as soon as possible".
 7 To this day, have you received the blocks and
 8 slides back?
 9 DR. GALLAGHER:
 10 A. I don't think we've received any of them back.
 11 COFFEY, Q.C.:
 12 Q. Doctor, what then happened in terms of your
 13 involvement and your lab's involvement as time
 14 went on then? You've identified the patients,
 15 gathered the material, sent it to St. John's,
 16 what then happened?
 17 DR. GALLAGHER:
 18 A. Well we had several discussions with
 19 administration about what was going to happen
 20 subsequently and the setting up of the panel
 21 that would decide on treatment of these
 22 patients, and how the patients were going to
 23 be informed. And after that, we basically
 24 waited for the results to come back.
 25 COFFEY, Q.C.:

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1 Q. And when did they first come back, do you
2 recall?

3 DR. GALLAGHER:

4 A. I believe they started coming back in
5 February. The results, I believe, some of
6 them were actually brought back to St. John's
7 in November, but I think we first got our
8 results in February.

9 COFFEY, Q.C.:

10 Q. Now, Doctor, were you aware in the fall of
11 2005 that there was a pathologist from British
12 Columbia or at least a pathologist, an outside
13 pathologist asked to come in and examine the
14 situation in St. John's and a technologist
15 from Toronto?

16 DR. GALLAGHER:

17 A. No, I was not aware.

18 COFFEY, Q.C.:

19 Q. As it turns out, Dr. Banerjee and Trish
20 Wegrynowski.

21 DR. GALLAGHER:

22 A. Other than being told there was some sort of
23 review here, I was not aware of anything in
24 specific terms about that.

25 COFFEY, Q.C.:

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1 Q. And this, on the second page, you're referring
2 to, in this sentence "The Laboratory Medicine
3 Program for St. John's hospital is currently
4 undergoing a quality review process."

5 DR. GALLAGHER:

6 A. I did not know who they were.

7 COFFEY, Q.C.:

8 Q. And that's as far as--as much as you knew
9 about it?

10 DR. GALLAGHER:

11 A. Yes.

12 COFFEY, Q.C.:

13 Q. And that's both in writing or verbally?

14 DR. GALLAGHER:

15 A. That's right.

16 COFFEY, Q.C.:

17 Q. When did you first hear that there was this
18 external or there were these external reviews?

19 DR. GALLAGHER:

20 A. It would have been in '07. I think--yes, in
21 '07, yes.

22 COFFEY, Q.C.:

23 Q. Doctor, what then happened, because I
24 understand you left Gander when?

25 DR. GALLAGHER:

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1 A. I finished work near the end of November and I
2 went to Calgary in December of '05.

3 COFFEY, Q.C.:

4 Q. Of '05. And you have told the Commissioner
5 you understand that the results came back to--
6 Gander's results on the retest came back in
7 February of '06.

8 DR. GALLAGHER:

9 A. Yes.

10 COFFEY, Q.C.:

11 Q. Did you keep in touch with the hospital in
12 Gander as to what was going on with respect to
13 this?

14 DR. GALLAGHER:

15 A. Occasionally I did, yes.

16 COFFEY, Q.C.:

17 Q. If I could, please, Exhibit P-0076 please?
18 Now in your--well I'll ask you, Doctor, in
19 your absence, who was in charge then of the
20 lab from a pathologist perspective in Gander?

21 DR. GALLAGHER:

22 A. Dr. Somers.

23 COFFEY, Q.C.:

24 Q. And this is a memo, Doctor, of July 28th,
25 2005, it's not addressed to yourself. It's

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1 addressed to all pathologists and pathology
2 residents in Eastern Health, okay. And the
3 subject matter is "Re: optimal assessment and
4 reporting of hormone receptor status in
5 infiltrating carcinoma." And it's drafted
6 with the signatures of Drs. Cook and Carter.
7 There are nine numbered paragraphs and it
8 begins by saying, "When ordering and reporting
9 ER/PR status on infiltrating carcinoma of the
10 breast"--and there's kind of a checklist, as
11 it were of what to do and what to look for,
12 and did you receive a copy of this?

13 DR. GALLAGHER:

14 A. No, I didn't.

15 COFFEY, Q.C.:

16 Q. Were you aware of it?

17 DR. GALLAGHER:

18 A. No, I was not aware of it. This is the first
19 time I've seen it.

20 COFFEY, Q.C.:

21 Q. I'll ask you this, take your time, just glance
22 down through it or read down through it. And
23 at the time, bearing in mind the date of the
24 memo, late July which is several days after
25 your e-mail exchange with Dr. Carter, we

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1 looked at earlier, might this have been of
 2 some assistance to somebody such as yourself?
 3 DR. GALLAGHER:
 4 A. I think it would have been. Obviously the
 5 issue of internal controls in a subject like
 6 immunohistochemistry evolves and moves from
 7 being something that's debated and queried as
 8 to its validity in the early years, to being
 9 something that becomes more or less mandatory
 10 by this stage and this memo is quite explicit
 11 about how one should go through looking at
 12 these cases. I think it would have been
 13 useful.
 14 COFFEY, Q.C.:
 15 Q. And, Doctor, here--and in fact, to this day
 16 have you seen any memo like this, or even any
 17 one like this in the sense of kind of spelling
 18 this out?
 19 DR. GALLAGHER:
 20 A. No.
 21 COFFEY, Q.C.:
 22 Q. And do you think if Dr. Somers had received
 23 any such memo or one like it, that it would
 24 have been brought to your attention upon your
 25 return?

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1 DR. GALLAGHER:
 2 A. I think so, it's a well written memo, very
 3 explicit.
 4 COFFEY, Q.C.:
 5 Q. It's succinct.
 6 DR. GALLAGHER:
 7 A. It is.
 8 COFFEY, Q.C.:
 9 Q. Doctor, and the general subject matter, as
 10 you've pointed out, the significance of
 11 internal controls, potential significance of
 12 internal controls and so on and these sorts of
 13 details, they did not come up during your
 14 conversations with Drs. Cook or Carter
 15 throughout 2005, that you recall?
 16 DR. GALLAGHER:
 17 A. Not in this fashion, I mean, it's really
 18 spelled out here.
 19 COFFEY, Q.C.:
 20 Q. Now, Doctor, while you were away, while you
 21 were in Calgary did you have--I have asked you
 22 whether or not you kept in touch, as it were,
 23 were you asked for any input while you were
 24 away?
 25 DR. GALLAGHER:

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1 A. No, I was not.
 2 COFFEY, Q.C.:
 3 Q. Did you offer any?
 4 DR. GALLAGHER:
 5 A. No, I did not.
 6 COFFEY, Q.C.:
 7 Q. Have you since your return, have you become
 8 aware of the results for the James Paton
 9 Hospital, ER/PR retest results, have you
 10 become aware of them?
 11 DR. GALLAGHER:
 12 A. Yes.
 13 COFFEY, Q.C.:
 14 Q. And have you kind of looked at them analyzed
 15 them?
 16 DR. GALLAGHER:
 17 A. I have looked at them, yes.
 18 COFFEY, Q.C.:
 19 Q. And what, if any, observations have you made?
 20 Of course, I don't want to talk about
 21 individual patients, but -
 22 DR. GALLAGHER:
 23 A. Well there were, of course, two sets of
 24 assessments made on the original slides and on
 25 the re-cut slides, so there were cases that

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1 were described as poorly fixed. In the re-cut
 2 slides, the incidents was 3.8 percent.
 3 COFFEY, Q.C.:
 4 Q. 3.8 percent were?
 5 DR. GALLAGHER:
 6 A. Poorly fixed.
 7 COFFEY, Q.C.:
 8 Q. Were described as poorly fixed, the block was
 9 poorly fixed.
 10 DR. GALLAGHER:
 11 A. Yes.
 12 COFFEY, Q.C.:
 13 Q. And there were internal controls that were
 14 missing on some of the slides.
 15 COFFEY, Q.C.:
 16 Q. And in relation to some of those slides, the
 17 ones the internal controls were missing, did
 18 any of those fall under the category of
 19 conversions, that upon retest converted, do
 20 you recall?
 21 DR. GALLAGHER:
 22 A. I don't know.
 23 COFFEY, Q.C.:
 24 Q. And, Doctor, the idea or the observation that
 25 some of the original blocks did not contain

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1 tissue to be utilized as internal controls,
 2 were you surprised by that, bearing in mind
 3 what you've told us earlier today?
 4 DR. GALLAGHER:
 5 A. No, I was not.
 6 COFFEY, Q.C.:
 7 Q. Because you were not concentrating on that at
 8 the time?
 9 DR. GALLAGHER:
 10 A. That's correct.
 11 COFFEY, Q.C.:
 12 Q. Any other observations, Doctor?
 13 DR. GALLAGHER:
 14 A. No.
 15 COFFEY, Q.C.:
 16 Q. Doctor, fixation or issues involving--
 17 potential issues involving fixation, okay,
 18 Doctor, were you aware of any--was any issues
 19 of fixation, were you aware of or were they
 20 brought to your attention prior to 2005?
 21 DR. GALLAGHER:
 22 A. No.
 23 COFFEY, Q.C.:
 24 Q. So it's really only since you returned to work
 25 in 2007.

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1 DR. GALLAGHER:
 2 A. Yes.
 3 COFFEY, Q.C.:
 4 Q. That it's become brought to your attention.
 5 So 3.8 percent, that's a calculation you've
 6 done yourself, I take it, is it?
 7 DR. GALLAGHER:
 8 A. Yes.
 9 COFFEY, Q.C.:
 10 Q. It's about--how many patients are we talking
 11 about in overall that were retested, because
 12 again, in terms of Gander you're only talking
 13 about 20 or so a year, so how many patients
 14 from Gander would have been retested?
 15 DR. GALLAGHER:
 16 A. 75 in total.
 17 COFFEY, Q.C.:
 18 Q. And so 4 percent of that is about what, 3
 19 patients or so?
 20 DR. GALLAGHER:
 21 A. Yes.
 22 COFFEY, Q.C.:
 23 Q. Quick calculation. Doctor, have you become
 24 aware of Dr. Banerjee's and Trish
 25 Wegrynowski's reports?

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1 DR. GALLAGHER:
 2 A. I saw Dr. Banerjee's report on the inquiry
 3 website and I read Trish Wegrynowski's report
 4 last night.
 5 COFFEY, Q.C.:
 6 Q. Of course, Trish Wegrynowski's report you
 7 would have understood related to the St.
 8 John's laboratory?
 9 DR. GALLAGHER:
 10 A. Yes.
 11 COFFEY, Q.C.:
 12 Q. She certainly didn't visit Gander to your
 13 knowledge?
 14 DR. GALLAGHER:
 15 A. That's right.
 16 COFFEY, Q.C.:
 17 Q. I'll ask you first of all, in terms of Ms.
 18 Wegrynowski's report, did you look at both of
 19 them? Because there are two, there's--are you
 20 aware that there were two reports by Ms.
 21 Wegrynowski?
 22 DR. GALLAGHER:
 23 A. I looked at the second report because there
 24 was references to things that had not been
 25 followed up, so I think I saw the second

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1 report.
 2 COFFEY, Q.C.:
 3 Q. You would have read the 2006 report then.
 4 I'll bring it up, I believe it's -
 5 DR. GALLAGHER:
 6 A. Certainly I saw the second report, I'm not
 7 sure if I saw the first report as well.
 8 COFFEY, Q.C.:
 9 Q. P-0047, it's the second one--P-0048, and this,
 10 Doctor, this is the one you would have looked
 11 at last night?
 12 DR. GALLAGHER:
 13 A. Yes, that's it.
 14 COFFEY, Q.C.:
 15 Q. I take it, as you pointed out just now, you
 16 were looking at it, amongst other things,
 17 perhaps what had not yet been done from her
 18 perspective in the spring of '06.
 19 DR. GALLAGHER:
 20 A. Yes.
 21 COFFEY, Q.C.:
 22 Q. Doctor, and of course, when we look through
 23 this, I'm not going to take you through this
 24 in detail, but when we read this, because the
 25 Commissioner has seen it already, there are

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1 references to this, of course, to her earlier
 2 report and what she found or said in her
 3 earlier report as well. Doctor, from your
 4 perspective what was your overall impression?
 5 Were you surprised.
 6 DR. GALLAGHER:
 7 A. Yes, I was somewhat surprised.
 8 COFFEY, Q.C.:
 9 Q. And why is that?
 10 DR. GALLAGHER:
 11 A. Well I'm not, certainly someone who is
 12 knowledgeable about immunohistochemistry at
 13 all, but there seemed to my inexpert eye to be
 14 a considerable number of deficiencies.
 15 COFFEY, Q.C.:
 16 Q. And I take it that during the period that you
 17 were utilizing the St. John's laboratory for
 18 IHC, from about '94 in the beginning until
 19 2005, including to the time you left, November
 20 2005, you were not aware of those sorts of
 21 deficiencies or at least alleged deficiencies?
 22 DR. GALLAGHER:
 23 A. No, I was not.
 24 COFFEY, Q.C.:
 25 Q. Doctor, on that topic because you've told the

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1 Commissioner, look, in the summer of '05,
 2 September of '05, we started to utilize Mount
 3 Sinai for ER/PR and I take it, HER2/neu as
 4 well?
 5 DR. GALLAGHER:
 6 A. That's correct.
 7 COFFEY, Q.C.:
 8 Q. But you continued to utilize St. John's for
 9 IHC testing?
 10 DR. GALLAGHER:
 11 A. Yes.
 12 COFFEY, Q.C.:
 13 Q. Were you made aware of any concerns or did you
 14 have any concerns, did it even occur to you
 15 that there might possibly be concerns about
 16 other IHC stains?
 17 DR. GALLAGHER:
 18 A. I haven't encountered any other problems. As
 19 I say, we don't see most of those stains
 20 ourselves that we order, so I have not
 21 encountered any cases that would suggest a
 22 problem.
 23 COFFEY, Q.C.:
 24 Q. But in terms of deficiencies at least,
 25 perceived deficiencies from Ms. Wegrynowski's

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1 report, based upon her report in relation to
 2 the lab, you were surprised by that?
 3 DR. GALLAGHER:
 4 A. I was somewhat surprised. I mean, I haven't
 5 read many of these reports and I'm sure most
 6 of them contain some deficiencies, so it would
 7 be difficult for me to say how deficient this
 8 report is, in that sense, or how unfavourable
 9 it is, but I was a little surprised.
 10 COFFEY, Q.C.:
 11 Q. And what I wanted to ask you about was during
 12 the fall of '05 after you'd gotten your blocks
 13 together and sent them on to St. John's, did
 14 you have any further conversations with Drs.
 15 Cook or Carter about this ER/PR matter before
 16 you left in November?
 17 DR. GALLAGHER:
 18 A. I probably did just, you know, asking them how
 19 things were going, when we might see our cases
 20 back, but I don't recall anything about
 21 specifics of this. It was more my own lab's
 22 work that I was focused on at this point.
 23 COFFEY, Q.C.:
 24 Q. And certainly, I take it from what you're
 25 telling us, you heard nothing from Drs. Cook

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1 or Carter about any perceived deficiencies or
 2 identified deficiencies in St. John's?
 3 DR. GALLAGHER:
 4 A. No.
 5 COFFEY, Q.C.:
 6 Q. Now you have indicated that you also saw Dr.
 7 Banerjee's report. Have you seen both of his
 8 reports?
 9 DR. GALLAGHER:
 10 A. I don't think so. I'm not sure if I have. I
 11 had a casual look at them on the website, and
 12 that's all I did.
 13 COFFEY, Q.C.:
 14 Q. P-0046, please. Doctor, this is the first of
 15 the reports. This the October -- that's the
 16 covering letter of October 17th, 2005, from
 17 Dr. Banerjee to Dr. Cook. The second page of
 18 the exhibit is a cover page of the report
 19 itself, dated October 17th, 2005, and when was
 20 it that you would have read this, Doctor, or
 21 looked at it?
 22 DR. GALLAGHER:
 23 A. In 2008 sometime.
 24 COFFEY, Q.C.:
 25 Q. Sometime on the website?

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1 DR. GALLAGHER:
 2 A. Yes.
 3 COFFEY, Q.C.:
 4 Q. And it is not that long, as reports go, you
 5 would agree, wouldn't you, the actual text is
 6 not very long?
 7 DR. GALLAGHER:
 8 A. That's correct.
 9 COFFEY, Q.C.:
 10 Q. And why was it that you went and looked for
 11 it, Doctor?
 12 DR. GALLAGHER:
 13 A. Well, I had heard so much talk about it as an
 14 important report.
 15 COFFEY, Q.C.:
 16 Q. And, Doctor, what were your thoughts or
 17 impressions, having read it?
 18 DR. GALLAGHER:
 19 A. That there were serious problems.
 20 COFFEY, Q.C.:
 21 Q. And I appreciate that at the time you would
 22 have understood reading this report, Dr.
 23 Banerjee was at the time focused on St. John's
 24 cases? You would have understood that from
 25 reading this report?

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1 DR. GALLAGHER:
 2 A. Yes.
 3 COFFEY, Q.C.:
 4 Q. Did his observations here have any
 5 implications from your perspective for your
 6 own hospital?
 7 DR. GALLAGHER:
 8 A. Well, certainly when any reference is made to
 9 poor fixation, negative internal controls,
 10 absent internal controls, one would pay
 11 attention particularly to poor fixation.
 12 COFFEY, Q.C.:
 13 Q. Doctor, having read that reference by Dr.
 14 Banerjee, and I appreciate he was making a
 15 comment in relation to St. John's cases,
 16 originated in St. John's, but as well you've
 17 indicated that you did calculate the number of
 18 cases out of Gander that were identified as
 19 having fixation issues, did you take any steps
 20 then in that regard to make any inquiries
 21 within your own hospital, take any steps to
 22 ensure that there would not be fixation
 23 problems or try to alleviate them?
 24 DR. GALLAGHER:
 25 A. Well, we adopted the recommendations of Dr.

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1 Carter's quality assurance document on breast
 2 reporting and grossing and fixation at the
 3 beginning of '07, and subsequently Dr. Denic
 4 sent us more material in the middle of '07
 5 that we adopted, and, I guess, in relation to
 6 that, several things have been done. Firstly,
 7 the needle localization specimens of breast
 8 are one of the specimens most vulnerable to
 9 delayed fixation because they are not in
 10 formalin. They have to be x-rayed, and you
 11 can't send a specimen in formalin to the x-ray
 12 department and have people inhaling formalin
 13 fumes up there and so on in a mammography
 14 unit. So they are sent fresh to radiology and
 15 then they come back to pathology for grossing
 16 and immersion in formalin. So there's always
 17 a hazard that these cases may at some point be
 18 delayed. So we started in '08 a system
 19 whereby we asked the surgeons to write down
 20 the time they removed the specimen, and then
 21 we write down the time we receive the specimen
 22 back from mammography, and lastly we write
 23 down the time that the last block went into
 24 formalin. We try to keep the whole process
 25 under 30 minutes so that the last block to

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1 enter formalin --
 2 COFFEY, Q.C.:
 3 Q. From block --
 4 DR. GALLAGHER:
 5 A. From the time it was removed from the patient
 6 --
 7 COFFEY, Q.C.:
 8 Q. In these needle --
 9 DR. GALLAGHER:
 10 A. In these needle localization boxes, is no more
 11 than 30 minutes. That's our goal, and we try
 12 to minimize it even further than that, but
 13 that's our maximum goal. In terms of under
 14 fixation, we are trying to cut the bread
 15 loafing segments as thin as possible.
 16 Historically, in the pathology literature,
 17 these specimens were cut at one to two
 18 centimetre thicknesses and Dr. Carter has
 19 recommended five millimetres. So we have
 20 tried to cut these breast specimens as thin as
 21 possible, though it is quite difficult with a
 22 fatty specimen sometimes to do that. In terms
 23 of over fixation, we have asked the surgeons
 24 not to do surgery on breast on Friday or on
 25 Thursday afternoon, so that biopsies,

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1 particularly core biopsies, will not be
 2 vulnerable to over fixation over the weekend.
 3 They would be some of the changes we've made
 4 very recently. Within the last week I have
 5 made inquiries about refrigeration in the OR.
 6 We do have a refrigerator in the OR in Gander,
 7 but it is used for drugs, and we don't know
 8 whether we can segment it so that we can put
 9 specimens in there if they cannot be
 10 immediately delivered to us. In the histology
 11 department, we have a small refrigerator which
 12 is large enough to take some large specimens,
 13 but we will probably need a larger one. We
 14 are undertaking from last week to refrigerate
 15 certainly all fresh specimens and all large
 16 specimens in the OR and in histology.
 17 COFFEY, Q.C.:
 18 Q. Doctor, in terms of the issue of choosing
 19 tissue with internal controls to ensure, if
 20 possible, that there is normal ductal
 21 epithelium present because, I take it, you're
 22 not reading ER/PR slides yourself right now?
 23 DR. GALLAGHER:
 24 A. That's correct.
 25 COFFEY, Q.C.:

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1 Q. Nor is Dr. Somers. It's being done in Mount
 2 Sinai, but in terms of the choice of blocks,
 3 this number three, really, in effect, would be
 4 your choice as to which blocks to use to send
 5 to Mount Sinai?
 6 DR. GALLAGHER:
 7 A. Sorry?
 8 COFFEY, Q.C.:
 9 Q. If I could, here right now Mount Sinai is
 10 currently doing ER and PR testing?
 11 DR. GALLAGHER:
 12 A. Yes.
 13 COFFEY, Q.C.:
 14 Q. But they are doing it, I take it, on the block
 15 that you or Dr. Somers chooses?
 16 DR. GALLAGHER:
 17 A. Yes.
 18 COFFEY, Q.C.:
 19 Q. And, of course, in the choice of blocks now,
 20 what is your approach now?
 21 DR. GALLAGHER:
 22 A. We make sure we attempt, where possible, to
 23 find a block with internal controls.
 24 COFFEY, Q.C.:
 25 Q. Yes.

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1 DR. GALLAGHER:
 2 A. Obviously, in some post-menopausal patients,
 3 it can be that there is no lobular tissue,
 4 normal lobular tissue, near the tumour, but we
 5 try, wherever possible, to include internal
 6 controls, and as far as I know every case that
 7 we have sent to them has had internal controls
 8 since we've started sending cases to them
 9 because it's being recorded.
 10 COFFEY, Q.C.:
 11 Q. I'm sorry, it's being --
 12 DR. GALLAGHER:
 13 A. I think it's being recorded on their reports.
 14 COFFEY, Q.C.:
 15 Q. On their reports themselves.
 16 DR. GALLAGHER:
 17 A. Yes.
 18 COFFEY, Q.C.:
 19 Q. And these would be these two page reports you
 20 get back from Dr. Mullen?
 21 DR. GALLAGHER:
 22 A. Yes.
 23 COFFEY, Q.C.:
 24 Q. Doctor, is there anything else in terms of
 25 this report?

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1 DR. GALLAGHER:
 2 A. No.
 3 COFFEY, Q.C.:
 4 Q. Doctor, have you received any communications
 5 from Mount Sinai about any concerns about the
 6 quality of the tissue or the blocks that
 7 you've been sending?
 8 DR. GALLAGHER:
 9 A. No.
 10 COFFEY, Q.C.:
 11 Q. Doctor, how much of what you've described for
 12 me now about the current practice, how much of
 13 this is reduced to writing -- reduced to
 14 writing? You've indicated, for example, that
 15 you received a written procedure outline from
 16 Dr. Carter?
 17 DR. GALLAGHER:
 18 A. Yes.
 19 COFFEY, Q.C.:
 20 Q. And then you've received a subsequent one from
 21 Dr. Denic?
 22 DR. GALLAGHER:
 23 A. Yes.
 24 COFFEY, Q.C.:
 25 Q. Does your hospital have its own, or are you

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1 utilizing St. John's?
 2 DR. GALLAGHER:
 3 A. We're utilizing St. John's at present. We
 4 have taken this and adopted it as our policy.
 5 I mean, the recommendations of Dr. Denic have
 6 been distributed to myself and the other
 7 pathologists and they are in a binder in the
 8 pathology office as well, and they were
 9 approved for use in the gross room.
 10 COFFEY, Q.C.:
 11 Q. Doctor, in terms of creating written polices,
 12 procedures, and protocols, on a large scale,
 13 comprehensive ones, do you have the resources
 14 to do that in Gander?
 15 DR. GALLAGHER:
 16 A. We are very stretched to do that, and I think
 17 we need help from outside to do it.
 18 COFFEY, Q.C.:
 19 Q. Because we've heard -- Dr. Neil has been here
 20 and he works in Corner Brook. You know Paul
 21 Neil?
 22 DR. GALLAGHER:
 23 A. Yes.
 24 COFFEY, Q.C.:
 25 Q. And he has indicated to the Commissioner that

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1 -- he has more people working with him, but he
 2 has indicated that it would take him a
 3 considerable period of time, perhaps many
 4 months or a number of months just to do that,
 5 to be able to concentrate on it. I take it
 6 you'd be in the same position?
 7 DR. GALLAGHER:
 8 A. Yes. Dr. Dalton kindly lent us his quality
 9 assurance document several months ago and I've
 10 been attempting to adapt it for our hospital.
 11 We've already implemented some of those QA
 12 measures he has, but we haven't yet got it
 13 officially approved as policy, but even with
 14 Grand Falls and its greater capacity, I don't
 15 think we have enough ability within our region
 16 to produce all the documents necessary now,
 17 all the standard operating procedures
 18 necessary. I think it's a job that will
 19 require assistance at least from St. John's,
 20 and quite possibly from experts in Ontario and
 21 resource people in Ontario, and elsewhere, to
 22 get all these standard operating procedures
 23 done because there's a huge amount of work to
 24 do.
 25 COFFEY, Q.C.:

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1 Q. Just a moment, please, Doctor. Exhibit P-
 2 2157, I think it is. That large document that
 3 takes several -- more than several seconds to
 4 open. Doctor, are you aware coming in here
 5 today of the fact that St. John's does have a
 6 relatively -- at least far more than they did
 7 in the past, written policies and procedures
 8 manual?
 9 DR. GALLAGHER:
 10 A. I saw this referred to in Dr. Dalton's
 11 testimony.
 12 COFFEY, Q.C.:
 13 Q. So you --
 14 DR. GALLAGHER:
 15 A. That's the first time I saw it. I mean, I saw
 16 it referenced. I didn't actually see the
 17 document.
 18 COFFEY, Q.C.:
 19 Q. As you can see, it is Exhibit P-2157, and it's
 20 there on our website, "our" in the sense of
 21 the Commission's website. Doctor, this is a
 22 Pathology Policies and Procedures Manual,
 23 Table of Contents, from Eastern Health, and
 24 pathology policies, there are a number of
 25 them. Seven listed there, and on the second

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1 page there's Pathology Policies and Procedures
 2 Manual, Table of Contents, and there's general
 3 information, specimen collecting and handling
 4 procedures, including fixation procedure,
 5 pathology specimen handling, and it goes on at
 6 some length, a number of them here; grossing
 7 procedures, routine and pathology assistants.
 8 I take it you would not have pathology
 9 assistants?
 10 DR. GALLAGHER:
 11 A. No.
 12 COFFEY, Q.C.:
 13 Q. But there are grossing procedures spelled out
 14 here, there are pathology technical and
 15 staining procedures, you can see there's, in
 16 effect, a page of them, and then there's a
 17 draft section of pathology quality management
 18 procedures, a draft section of pathology
 19 reporting procedures. I take it, IHC policies
 20 and procedures wouldn't be of any particular
 21 relevance to yourselves in Gander because you
 22 don't do that sort of testing, but -- and they
 23 have a number of those. So, Doctor -- there's
 24 one for as well human resources, pathology
 25 workstation duties. There are a list of forms

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1 as well, including pathology IHC forms.
 2 Doctor, this goes on for hundreds of pages,
 3 okay. I take it, preparing anything and even
 4 adapting something like this locally for
 5 yourself for your institution or even for
 6 yourself and Dr. Dalton's institutions, would
 7 require -- do you think you would have the
 8 resources to do that as it is right now or
 9 would you need outside help?
 10 DR. GALLAGHER:
 11 A. I don't think we would have the resources in
 12 Gander to do it. I just don't think we would.
 13 COFFEY, Q.C.:
 14 Q. And even bearing in mind what you know about
 15 Grand Falls Windsor even, even if you combined
 16 them, as a practical matter?
 17 DR. GALLAGHER:
 18 A. I don't think we would. I think this is
 19 challenging for St. John's to do.
 20 COFFEY, Q.C.:
 21 Q. Yes, I gather, from what we've heard. Because
 22 I take it, Doctor, too, even if one does have
 23 this as a template or as a model, you have to
 24 adapt it or adopt it if it's going to be
 25 realistic to your own situation?

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1 DR. GALLAGHER:
 2 A. Yes, yes, but it's a lot easier to start with
 3 a standard and make changes that are within
 4 acceptable limits that are agreed that you can
 5 make. I think really, the laboratories should
 6 have one set of policies.
 7 COFFEY, Q.C.:
 8 Q. Laboratories, isn't it? You used the plural,
 9 didn't you?
 10 DR. GALLAGHER:
 11 A. Yes, I think that all the laboratories in the
 12 province should have one set of policies that
 13 are then adapted as according to size and
 14 need. I don't see why we should be developing
 15 separate policies in separate institutions
 16 really.
 17 COFFEY, Q.C.:
 18 Q. Have you expressed that view to others?
 19 DR. GALLAGHER:
 20 A. Yes, I have.
 21 COFFEY, Q.C.:
 22 Q. To whom?
 23 DR. GALLAGHER:
 24 A. I've expressed it just at the Newfoundland
 25 Association of Pathologists meetings.

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1 COFFEY, Q.C.:
 2 Q. And what has the reaction been?
 3 DR. GALLAGHER:
 4 A. I think people have been generally favourable
 5 to it.
 6 COFFEY, Q.C.:
 7 Q. And from your perspective, at least, and I'm
 8 not asking you to speak for your health
 9 authority, but from your own perspective as an
 10 individual pathologist, you'd be prepared to
 11 become engaged in that sort of a process?
 12 DR. GALLAGHER:
 13 A. I'd be delighted to become engaged in it. I
 14 think it would be a big improvement, a big
 15 step forward.
 16 COFFEY, Q.C.:
 17 Q. And Doctor, I take it then, as you've
 18 indicated, you only became aware of this when
 19 Dr. Dalton testified, the existence of this at
 20 that time?
 21 DR. GALLAGHER:
 22 A. That's correct.
 23 COFFEY, Q.C.:
 24 Q. Doctor, I'm going to take you now to, if I
 25 could, your return to Newfoundland in May of

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1 2007.
 2 DR. GALLAGHER:
 3 A. Yes.
 4 COFFEY, Q.C.:
 5 Q. May 23rd, I take it, is your first day back at
 6 work.
 7 DR. GALLAGHER:
 8 A. I think May 24th.
 9 COFFEY, Q.C.:
 10 Q. 24th, okay, you arrived back on the 23rd. The
 11 ER and PR matter, what then happened? I take
 12 it you're back, you're back at work as a
 13 pathologist in Gander. What, if any,
 14 involvement did you then have in it?
 15 DR. GALLAGHER:
 16 A. Basically, we were waiting for news about what
 17 was going to happen, and waiting to get some
 18 final determination on what exactly had caused
 19 the conversions.
 20 COFFEY, Q.C.:
 21 Q. Did you make any inquiries in that regard?
 22 Did you ever make--in the fall of 2005 or in
 23 fact, for that matter, while you were away in
 24 Calgary, and upon your return, did you ever
 25 ask anybody, in particular anybody in St.

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1 John's, about how did this happen, why did it
 2 happen?
 3 DR. GALLAGHER:
 4 A. I think I did, but I didn't record it and I
 5 don't recall exactly who I spoke to, but I
 6 know I was concerned about it. I was
 7 concerned to get news and see where we stood.
 8 COFFEY, Q.C.:
 9 Q. And do you recall what you were told or in
 10 terms of your impression you were left with?
 11 I understand you can't recall who told it to
 12 you, but what was your impression?
 13 DR. GALLAGHER:
 14 A. My impression was that I didn't really get a
 15 definite answer as to what had occurred.
 16 COFFEY, Q.C.:
 17 Q. For example, we've just looked at Dr.
 18 Banerjee's report and pointed out one, two,
 19 three, fixation, internal controls not
 20 staining, no internal controls, that sort of
 21 kind of succinct summary of potential
 22 problems, that wasn't -
 23 DR. GALLAGHER:
 24 A. It wasn't succinctly put like that, no.
 25 COFFEY, Q.C.:

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1 Q. You've had the opportunity to look at Trish
 2 Wegrynowski's report, even up to as of last
 3 night.
 4 DR. GALLAGHER:
 5 A. Yes.
 6 COFFEY, Q.C.:
 7 Q. Those sorts of problems, was that brought to
 8 your attention at the time? Anybody
 9 articulate that?
 10 DR. GALLAGHER:
 11 A. No.
 12 COFFEY, Q.C.:
 13 Q. Doctor, we understand there was a
 14 teleconference that occurred involving people
 15 across the province, involving Vice President
 16 Medicals across the province, May 24th, 2007,
 17 which would have been, in effect, your first
 18 day back to work. Do you recall whether you
 19 participated in that?
 20 DR. GALLAGHER:
 21 A. I did not.
 22 COFFEY, Q.C.:
 23 Q. Were you aware that it was going on or did you
 24 become aware afterward that it had gone on?
 25 DR. GALLAGHER:

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1 A. No, not until much later.
 2 COFFEY, Q.C.:
 3 Q. And do you recall what you were told much
 4 later about it?
 5 DR. GALLAGHER:
 6 A. No, I only became aware of it within the last
 7 month.
 8 COFFEY, Q.C.:
 9 Q. Okay, during--in relation to this Commission?
 10 DR. GALLAGHER:
 11 A. Yes.
 12 COFFEY, Q.C.:
 13 Q. Doctor, the fixation policy that you received
 14 from Dr. Denic, do you recall when it was you
 15 received that?
 16 DR. GALLAGHER:
 17 A. I think it was in--it was e-mailed in May, I
 18 believe.
 19 COFFEY, Q.C.:
 20 Q. Okay.
 21 DR. GALLAGHER:
 22 A. I think it was.
 23 COFFEY, Q.C.:
 24 Q. And if there has been a subsequent one or one
 25 that perhaps may have been slightly amended

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1 since, you haven't received one since?
 2 DR. GALLAGHER:
 3 A. I only received one.
 4 COFFEY, Q.C.:
 5 Q. Okay, and now let's what I'll--that's the one
 6 in May of '07?
 7 DR. GALLAGHER:
 8 A. Yeah.
 9 COFFEY, Q.C.:
 10 Q. Here, Doctor, this is apparently the current
 11 fixation policy for Eastern Health. It's
 12 original approval date is February 4th, 2008,
 13 and the issuing authority is described as
 14 being Dr. Denic and Mr. Gulliver, Terry
 15 Gulliver. You would not have received a copy
 16 of this, I take it?
 17 DR. GALLAGHER:
 18 A. No, I did not.
 19 COFFEY, Q.C.:
 20 Q. Now a predecessor of it, you've indicated
 21 perhaps you did, but not this itself?
 22 DR. GALLAGHER:
 23 A. Yes, a short document.
 24 COFFEY, Q.C.:
 25 Q. This is actually the document itself. There's

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1 an overview, safety precautions, a policy, and
 2 a scope and a purpose and a procedure. There
 3 are certain supporting documents along with
 4 linkages to, in fact, what are listed as, if
 5 you look elsewhere in this overall P-2157,
 6 you'll see these linkages. These documents
 7 appear elsewhere here. So Doctor, you
 8 referred to the Newfoundland Association of
 9 Pathologists and you raising this recently,
 10 this topic about potentially having kind of a
 11 province wide approach to this.

12 DR. GALLAGHER:
 13 A. I think I raised it last year, but it's an
 14 issue that's very much current anyway.

15 COFFEY, Q.C.:
 16 Q. Is there--Doctor, when this was discussed at
 17 the Newfoundland Association of Pathologists
 18 level, is there any opposition voiced to this
 19 approach?

20 DR. GALLAGHER:
 21 A. I don't think so.

22 COFFEY, Q.C.:
 23 Q. From your perspective, if there is to be this-
 24 -if such an initiative was to be pursued where
 25 or by whom or what group does that have to be

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1 pursued? Who's got to take the initiative
 2 here, from your perspective? Because I take
 3 it you don't have the--you just don't have the
 4 resources yourself.

5 DR. GALLAGHER:
 6 A. Well, I mean, we certainly would be willing to
 7 play our part. We wouldn't want to see
 8 individuals in St. John's who are already
 9 extremely busy having to do all the work. We
 10 certainly would want to participate, but I
 11 think it's appropriate that this effort be
 12 headed by the tertiary care centre in the
 13 province, in association with experts from
 14 other provinces as well.

15 COFFEY, Q.C.:
 16 Q. Doctor, are you aware that St. John's has--the
 17 laboratory in St. John's, Eastern Health's
 18 laboratory has or was visited in December of
 19 2007 by QMPLS, which is an organization out of
 20 Ontario?

21 DR. GALLAGHER:
 22 A. I read about it in the transcripts.

23 COFFEY, Q.C.:
 24 Q. Okay, so you became aware of it through the
 25 Commission?

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1 DR. GALLAGHER:
 2 A. Yes.

3 COFFEY, Q.C.:
 4 Q. Doctor, are you aware of any initiatives
 5 involving QMPLS in Newfoundland?

6 DR. GALLAGHER:
 7 A. No.

8 COFFEY, Q.C.:
 9 Q. From your perspective, would it be of any
 10 benefit, do you think, for--if it could
 11 happen, for Gander's laboratory to be reviewed
 12 by an outside agency?

13 DR. GALLAGHER:
 14 A. Yes, it would be.

15 COFFEY, Q.C.:
 16 Q. I take it initially and then on a periodic
 17 basis?

18 DR. GALLAGHER:
 19 A. Yes.

20 COFFEY, Q.C.:
 21 Q. Are you aware of any organization or body that
 22 actually offers that service now in Canada?

23 DR. GALLAGHER:
 24 A. Well, I believe QMPLS does it in Ontario.

25 COFFEY, Q.C.:

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1 Q. Ontario, yes.

2 DR. GALLAGHER:
 3 A. And I don't know how further--they do it for
 4 other provinces as well.

5 COFFEY, Q.C.:
 6 Q. But if they do, you're not--you have not made
 7 inquiries in that regard?

8 DR. GALLAGHER:
 9 A. No.

10 COFFEY, Q.C.:
 11 Q. Just a moment, please, Commissioner. Doctor,
 12 is there anything that we haven't covered that
 13 you think the Commissioner should be made
 14 aware of? Bearing in mind the--because you'd
 15 be familiar generally with the mandate of the
 16 Commission and the subject matter of what's
 17 being discussed here.

18 DR. GALLAGHER:
 19 A. No, I don't think so. I think that's really
 20 it, and the last issue being among the most
 21 significant, looking to the future.

22 COFFEY, Q.C.:
 23 Q. In terms of your idea, for example, that we
 24 have--if we're going to get involved and this
 25 is desirable from your perspective to have

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1 written policies, procedures, protocols, SOPs,
 2 to have all of that in place, it's going to
 3 require outside assistance, from your
 4 perspective?
 5 DR. GALLAGHER:
 6 A. Probably.
 7 COFFEY, Q.C.:
 8 Q. Yes, in the sense of locally?
 9 DR. GALLAGHER:
 10 A. Certainly in Gander, yes.
 11 COFFEY, Q.C.:
 12 Q. Yes, in Gander.
 13 DR. GALLAGHER:
 14 A. Certainly in Gander, yes.
 15 COFFEY, Q.C.:
 16 Q. They're the questions I have, Commissioner.
 17 THE COMMISSIONER:
 18 Q. Mr. Pritchard?
 19 MR. PRITCHARD:
 20 Q. Thank you, Commissioner. I don't have any
 21 questions for this witness. Thank you for
 22 your evidence, Doctor.
 23 THE COMMISSIONER:
 24 Q. Thank you. Ms. Whalen?
 25 MS. WHALEN:

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1 Q. Commissioner, we have no questions.
 2 THE COMMISSIONER:
 3 Q. Mr. Pritchett?
 4 MR. PRITCHETT:
 5 Q. No questions, Commissioner. Thank you, Dr.
 6 Gallagher.
 7 THE COMMISSIONER:
 8 Q. One second, as she walks through the door.
 9 Ms. Newbury, do you have any questions for
 10 this witness?
 11 DR. BARRY GALLAGHER, EXAMINATION BY MS. JENNIFER NEWBURY
 12 MS. NEWBURY:
 13 Q. Yes. Good afternoon, Dr. Gallagher. Jennifer
 14 Newbury for the Canadian Cancer Society,
 15 Newfoundland and Labrador Division. I just
 16 have a couple of questions for you this
 17 morning. First of all, I was wondering what
 18 is the practice of James Paton Memorial
 19 Hospital in terms of registering pathology
 20 reports with the Cancer Registry?
 21 DR. GALLAGHER:
 22 A. The reports are sent to our Cancer Clinic and
 23 they are electronically transmitted to the
 24 Cancer Registry.
 25 MS. NEWBURY:

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1 Q. And how long has that practice been going on?
 2 DR. GALLAGHER:
 3 A. I believe it's been going on about five to
 4 eight years.
 5 MS. NEWBURY:
 6 Q. Okay, and with regard to breast cases, would
 7 those reports include ER/PR results?
 8 DR. GALLAGHER:
 9 A. They would, yes.
 10 MS. NEWBURY:
 11 Q. Okay, and when you were tasked with finding
 12 the ER/PR test results back in 2005, did you
 13 give any consideration to contacting the
 14 Cancer Registry as a double check on a list of
 15 patients who had ER/PR testing?
 16 DR. GALLAGHER:
 17 A. No, I did not.
 18 MS. NEWBURY:
 19 Q. Okay, and do you ever request information of
 20 that nature from the Cancer Registry?
 21 DR. GALLAGHER:
 22 A. I don't recall having done so.
 23 MS. NEWBURY:
 24 Q. Okay, and do you use the Cancer Registry for
 25 monitoring any trends or do you have your own

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1 system in place for monitoring trends at your
 2 hospital with the laboratory?
 3 DR. GALLAGHER:
 4 A. We haven't been using the Cancer Registry.
 5 MS. NEWBURY:
 6 Q. And you don't have any other system in place
 7 for monitoring trends?
 8 DR. GALLAGHER:
 9 A. Well, apart from keeping a track of the number
 10 of malignant neoplasms on our reports, no, we
 11 don't.
 12 MS. NEWBURY:
 13 Q. And is the fact that you have a relatively low
 14 number of patients, I guess, who might be
 15 subject to testing in your hospital, is that a
 16 reason for that or is there any other reason
 17 why you may not monitor trends on a regular
 18 basis?
 19 DR. GALLAGHER:
 20 A. No, we just don't do it in our laboratory.
 21 MS. NEWBURY:
 22 Q. Okay. Thank you, those are all the questions
 23 I have for you.
 24 THE COMMISSIONER:
 25 Q. Thank you. Ms. Taylor?

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1 DR. BARRY GALLAGHER, EXAMINATION BY MS. PAMELA TAYLOR
 2 MS. TAYLOR:
 3 Q. Good morning, Dr. Gallagher. My name is Pam
 4 Taylor. I'm here on behalf of the Breast
 5 Cancer Testing Class Action Group. Now I just
 6 have a couple of questions for you. The
 7 patient that was identified in 2008, the
 8 gentleman that's now deceased, do you have any
 9 idea if his family has been notified of the
 10 results or that he was in fact a patient that
 11 had been missed in the initial review of ER/PR
 12 testing?
 13 DR. GALLAGHER:
 14 A. Well, he was missed in the initial review, so
 15 his family would not have been informed.
 16 MS. TAYLOR:
 17 Q. No, but you said that he was identified in
 18 2008.
 19 DR. GALLAGHER:
 20 A. Yes.
 21 MS. TAYLOR:
 22 Q. And that -
 23 DR. GALLAGHER:
 24 A. He was already deceased at that time.
 25 MS. TAYLOR:

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1 Q. Right, so were his tests reviewed at that
 2 time?
 3 DR. GALLAGHER:
 4 A. Yes.
 5 MS. TAYLOR:
 6 Q. In 2008?
 7 DR. GALLAGHER:
 8 A. Yes.
 9 MS. TAYLOR:
 10 Q. And they were analyzed?
 11 DR. GALLAGHER:
 12 A. Yes.
 13 MS. TAYLOR:
 14 Q. Do you know if his family was notified in
 15 2008?
 16 DR. GALLAGHER:
 17 A. No, I don't believe they were. The report was
 18 sent out to the physician, the amended report
 19 was sent to the physician, but the--and the
 20 case was sent to the NLCHI and that was what
 21 we did with that.
 22 MS. TAYLOR:
 23 Q. But as far as you're aware, the family hasn't
 24 been notified of the results?
 25 DR. GALLAGHER:

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1 A. As far as I'm aware, I don't think the family
 2 have been notified.
 3 MS. TAYLOR:
 4 Q. Okay. Now another question that I had, you
 5 said that ER/PR testing is still being sent to
 6 Mount Sinai for your hospital?
 7 DR. GALLAGHER:
 8 A. Yes.
 9 MS. TAYLOR:
 10 Q. And you said that you were invited or your
 11 hospital was invited some time back in 2006 to
 12 resume testing in St. John's. That was while
 13 you were gone?
 14 DR. GALLAGHER:
 15 A. Yes.
 16 MS. TAYLOR:
 17 Q. And obviously at that time, a decision was
 18 made not to resume testing?
 19 DR. GALLAGHER:
 20 A. Yes.
 21 MS. TAYLOR:
 22 Q. You became aware of that when you came back to
 23 Newfoundland in '07?
 24 DR. GALLAGHER:
 25 A. Yes.

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1 MS. TAYLOR:
 2 Q. And again, there was no change made at that
 3 time, but there was some thought given to
 4 whether or not testing would resume in St.
 5 John's? I believe that's what you had
 6 indicated?
 7 DR. GALLAGHER:
 8 A. Yes.
 9 MS. TAYLOR:
 10 Q. And you gave a couple of reasons as to why
 11 testing wouldn't be resuming in St. John's at
 12 that time.
 13 DR. GALLAGHER:
 14 A. Yes.
 15 MS. TAYLOR:
 16 Q. One was they were overburdened and shortage of
 17 staff. Now I presume that if they had issued
 18 an invitation for testing to resume in St.
 19 John's that, I'm going to suggest to you, they
 20 felt capable, even with, as you say, being
 21 overburdened or a shortage of staff, that they
 22 were capable of doing the testing. Would you
 23 agree with that statement?
 24 DR. GALLAGHER:
 25 A. That may be reasonable to say.

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1 MS. TAYLOR:
 2 Q. And in terms of the other reason, you had said
 3 that you wanted to wait for the results of the
 4 Inquiry to see, I guess, what came from the
 5 Inquiry, before considering resuming testing.
 6 That would suggest to me that there were still
 7 some concerns in terms of the quality of
 8 testing that was being done in St. John's. Is
 9 that fair to say?
 10 DR. GALLAGHER:
 11 A. Well, there was uncertainty about the nature
 12 of the problem, I would say.
 13 MS. TAYLOR:
 14 Q. Well, if you haven't resumed retesting to this
 15 point, does that uncertainty still exist for
 16 you and your hospital?
 17 DR. GALLAGHER:
 18 A. I think it exists just in a general sense that
 19 I would like to see the findings of the
 20 Inquiry first.
 21 MS. TAYLOR:
 22 Q. And wouldn't that suggest then that there's
 23 some concerns with the current practices?
 24 DR. GALLAGHER:
 25 A. Well, I would -

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1 MS. TAYLOR:
 2 Q. Are you just not aware of what they are?
 3 DR. GALLAGHER:
 4 A. I would say that I wouldn't like to prejudge
 5 what the Inquiry will find.
 6 MS. TAYLOR:
 7 Q. Okay. Because you did indicate that your
 8 preference would be for testing and in terms
 9 of cancer care, for those things to happen
 10 within the same site?
 11 DR. GALLAGHER:
 12 A. That's correct.
 13 MS. TAYLOR:
 14 Q. So that would be the preference?
 15 DR. GALLAGHER:
 16 A. That's correct, yes.
 17 MS. TAYLOR:
 18 Q. So at this point, there's no particular plan
 19 in terms of when testing might resume here in
 20 St. John's?
 21 DR. GALLAGHER:
 22 A. No.
 23 MS. TAYLOR:
 24 Q. That's all the questions I have. Thank you,
 25 Dr. Gallagher.

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1 THE COMMISSIONER:
 2 Q. Mr. Pike?
 3 MR. PIKE:
 4 Q. Nothing for me, thank you.
 5 THE COMMISSIONER:
 6 Q. Mr. Browne?
 7 DR. BARRY GALLAGHER, EXAMINATION BY MR. PETER BROWNE
 8 MR. BROWNE:
 9 Q. Thank you, Commissioner. Dr. Gallagher, just
 10 a couple of areas I want to cover with you.
 11 First of all, you had mentioned to Mr. Coffey
 12 that you returned to Newfoundland in May of
 13 2007. We've heard evidence from other
 14 witnesses that in November of 2007, there was
 15 a teleconference, provincial wide
 16 teleconference where information was
 17 distributed to the outside hospitals. Did you
 18 participate in that teleconference?
 19 DR. GALLAGHER:
 20 A. No, I did not.
 21 MR. BROWNE:
 22 Q. And you were asked about the discovery of the
 23 male patient who was deceased in 2008. In
 24 terms of disclosure approaches, did I
 25 understand from your evidence earlier today

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1 that that would be handled by the VP of
 2 Medical Affairs, in terms of any patients that
 3 were discovered through this process?
 4 DR. GALLAGHER:
 5 A. Yes, it would.
 6 MR. BROWNE:
 7 Q. Okay. So that wouldn't be something that you
 8 would follow through on? That would be
 9 handled higher up in the institution?
 10 DR. GALLAGHER:
 11 A. Yes. Our administration is aware of the case.
 12 MR. BROWNE:
 13 Q. And lastly, Dr. Gallagher, the Commission does
 14 and is interested in hearing from those who
 15 come before it whether or not they have any
 16 statements, recommendations or comments to
 17 make, and I would invite you, if you do wish
 18 to make any comments or anything along those
 19 lines, to do so now.
 20 DR. GALLAGHER:
 21 A. Well, I'd like to thank Madam Commissioner and
 22 Commission co-counsel for giving me this
 23 opportunity to participate in this important
 24 process. I am certain that good things will
 25 come from this for health care in Newfoundland

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1 and across Canada.

2 MR. BROWNE:

3 Q. Thank you, Doctor. Mr. Coffey may have some

4 follow up.

5 THE COMMISSIONER:

6 Q. Anything arising, Mr. Coffey?

7 COFFEY, Q.C.:

8 Q. No.

9 DR. BARRY GALLAGHER, EXAMINATION BY MADAM COMMISSIONER

10 THE COMMISSIONER:

11 Q. Dr. Gallagher, there was one thing you said

12 earlier this morning which I'd just like you

13 to expand on a little, if you can. It was

14 around--it was concerning the period of time

15 just after you had first been contacted about

16 sending the blocks, and as I understood it,

17 early, it was just limited to 2002. Your view

18 was that they were dealing with the question

19 of the transition from one piece of equipment

20 to the other. My impression was that you saw

21 this as just another resolving of the kind of

22 problems that sometimes occur when you switch

23 from one piece of equipment to another. Is

24 that fair?

25 DR. GALLAGHER:

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1 A. Yes, although it was an unusual request. We'd

2 never received a request quite like that to

3 have so many cases sent, but it was quite a

4 large project, but at the time, it didn't seem

5 as if there were going to be serious

6 implications from it.

7 THE COMMISSIONER:

8 Q. And then you got the call from Dr. Cook in the

9 summer in which they were asking you to

10 provide a much larger sample, and my note to

11 myself was that you, in fact, spoke to Dr.

12 Dalton, who is sort of just a little further

13 down the road, and that you were concerned

14 about how large it was and how alarming, and

15 from that, I concluded that it wasn't just the

16 size of it that you saw as being alarming.

17 Now, perhaps I'm just making things out of

18 something here, so I wanted to know, could you

19 tell me whether you found it alarming because

20 it was so big or was there something else

21 about it that caused you to view it in that

22 way?

23 DR. GALLAGHER:

24 A. I think, well, first of all, because it was so

25 big and secondly, it may be something that

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1 should have dawned on me in the initial

2 conversation with Dr. Cook, but I then

3 realized how much it was going to involve our

4 laboratory and our laboratory's work, that

5 this could not just be a matter for the

6 machine in St. John's really. It could not

7 just be a transition issue. That this would

8 be something that would involve a much more

9 extensive examination.

10 THE COMMISSIONER:

11 Q. So was it at that point it dawned on you that

12 you were looking at an inquiry by the

13 laboratory system into things that were much

14 wider than just the adjustment because we had

15 a new machine?

16 DR. GALLAGHER:

17 A. Yes.

18 THE COMMISSIONER:

19 Q. They were looking for something else?

20 DR. GALLAGHER:

21 A. That thought did occur to me at that time,

22 yes.

23 THE COMMISSIONER:

24 Q. And you didn't know what that thing was?

25 DR. GALLAGHER:

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1 A. No.

2 THE COMMISSIONER:

3 Q. And do I take it that at no point did anybody

4 come back to you and say what that thing was?

5 DR. GALLAGHER:

6 A. Not explicitly. I mean, obviously when an

7 issue like this comes up, there are certain

8 things that can go wrong, but nobody at that

9 time said to be "well, this is really what we

10 think happened."

11 THE COMMISSIONER:

12 Q. Okay. Now just one other thing. I'm just

13 wondering about how one feels when one is

14 outside of Eastern Health area and you're

15 practising, in large part with the aid of the

16 tertiary care hospital, which is billed as

17 that and which is the function that the

18 current General Hospital provides. What is

19 the relationship between you, as a pathologist

20 operating in Gander, and that hospital, and

21 I'm particularly concerned about the

22 communications between the two groups. From

23 your perspective, is it satisfactory? Do you

24 hear enough about specimens of whatever kind

25 you send and they send back to you? Do you

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1 get the turnaround fast enough? You probably
 2 want it immediately, but I mean, fast in the
 3 sense of do you get a reasonable turnaround?
 4 And do you, from your perspective, get enough
 5 comments from the tertiary care hospital about
 6 what they're seeing in terms of being of
 7 assistance to you in your practice in Gander?
 8 DR. GALLAGHER:
 9 A. Well, I think the turnaround time is
 10 reasonable, and I think the relationship with
 11 the pathologists in St. John's is excellent,
 12 in general, and I think they offer good
 13 leadership to us overall, and I think I'm
 14 optimistic about the future, as regards the
 15 leadership they will offer to us.
 16 THE COMMISSIONER:
 17 Q. Okay, and can we bring that back now once
 18 again to this, because the information that
 19 has thus far come to the Commission would
 20 indicate that there wasn't a lot of frank
 21 disclosure, if you will, between Eastern
 22 Health and those pathologists working outside
 23 about what they were finding in the process of
 24 examining this problem. Is that fair? Do you
 25 feel that they were providing you with the

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1 information that they could or were there
 2 other things that they could be doing to
 3 assist you to deal with the problem?
 4 DR. GALLAGHER:
 5 A. Well, I realize that they were constrained by
 6 various limitations when they weren't sure
 7 about what the problems were and I suppose,
 8 these reviews were confidential as well, so I
 9 realize that, you know, we probably couldn't
 10 be told about those. So I realize that they
 11 were working themselves in a difficult
 12 environment in that regard, and they mightn't
 13 be as forthcoming as they would usually be
 14 with us, because of the peculiar nature of
 15 this problem. Because usually we have a very
 16 good relationship with them, very open
 17 relationship and I think this was just such a
 18 complex problem that it was difficult to give
 19 us unequivocal answers about what was going
 20 on.
 21 THE COMMISSIONER:
 22 Q. And would you have liked to have gotten more
 23 information about what was going on, even if
 24 it maybe had to have a rider on it?
 25 DR. GALLAGHER:

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1 A. Yes, I would have.
 2 THE COMMISSIONER:
 3 Q. Okay. Thank you. Thank you very much for
 4 your assistance in this process, Dr.
 5 Gallagher. We'll take the luncheon break and
 6 meet again at ten after two.
 7 (LUNCH BREAK)
 8 THE COMMISSIONER:
 9 Q. Mr. Coffey.
 10 COFFEY, Q.C.:
 11 Q. The next witness is Dr. Sushil Parai.
 12 DR. SUSHIL PARAI, SWORN, EXAMINATION BY BERNARD COFFEY,
 13 Q.C.
 14 REGISTRAR:
 15 Q. Would you please state and spell your complete
 16 name for the Commission?
 17 DR. S. PARAI:
 18 A. Sushil Parai, S-U-S-H-I-L P-A-R-A-I.
 19 REGISTRAR:
 20 Q. Thank you.
 21 COFFEY, Q.C.:
 22 Q. Good afternoon, Doctor. Doctor, can you
 23 outline for the Commissioner, please, in an
 24 overview way, your educational and
 25 professional background?

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1 DR. S. PARAI:
 2 A. I was graduated in medicine with MBBS degree
 3 in 1973 from Dhaka University, Bangladesh. I
 4 did a year of internship, year of general
 5 practice, year of residency in general
 6 surgery. I started residency training in
 7 general pathology 1977 in Shiraz University,
 8 Iran.
 9 COFFEY, Q.C.:
 10 Q. In Iran?
 11 DR. S. PARAI:
 12 A. Yes. In 1979, I was offered a residency
 13 position at Dalhousie University, Halifax, and
 14 moved to Halifax in January 1980. I completed
 15 residency training in 1984. I am fellow of
 16 Royal College of Physicians and Surgeons of
 17 Canada. I was certified by the Royal College
 18 of Physicians and Surgeons of Canada in
 19 anatomical pathology, also by American Board
 20 of Pathology. I hold -
 21 COFFEY, Q.C.:
 22 Q. Doctor, when did you get the fellowships?
 23 DR. S. PARAI:
 24 A. Certification 1986 and fellowship, 1987.
 25 COFFEY, Q.C.:

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1 Q. Okay, and that's the American and Canadian?
 2 DR. S. PARAI:
 3 A. American, 1991.
 4 COFFEY, Q.C.:
 5 Q. 1991?
 6 DR. S. PARAI:
 7 A. Yes.
 8 COFFEY, Q.C.:
 9 Q. Okay. Go ahead, Doctor, I'm sorry. So what
 10 did you--when you finished up with Dalhousie,
 11 what happened then?
 12 DR. S. PARAI:
 13 A. Well, I started working as a staff pathologist
 14 at the Yarmouth Regional Hospital, 1984 to
 15 '88.
 16 COFFEY, Q.C.:
 17 Q. I'm sorry, which hospital?
 18 DR. S. PARAI:
 19 A. Yarmouth.
 20 COFFEY, Q.C.:
 21 Q. Oh, Yarmouth?
 22 DR. S. PARAI:
 23 A. Yes.
 24 COFFEY, Q.C.:
 25 Q. Nova Scotia. I'm sorry, I just didn't under--

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1 didn't catch the Yarmouth. Go ahead.
 2 DR. S. PARAI:
 3 A. 1984 to 1988. In 1988, I moved to St. John's
 4 General Hospital as a staff pathologist and
 5 worked there five years. In 1991, I was given
 6 an award by the Canadian Cancer Society called
 7 Blair Award to pursue further training in
 8 cancer diagnosis, which I did, as a fellow at
 9 Ottawa Civic Hospital. In 1993, I was offered
 10 the position of Director of Laboratories at
 11 the Grace General Hospital and worked there in
 12 that position until October 1996. With the
 13 formation of Health Care Corporation in 1996,
 14 I was offered the position as site chief of
 15 anatomical pathology, Grace General Hospital,
 16 and I continued in that position until the
 17 closure of Grace Hospital in July 2000. In
 18 2000, I was offered also a position at the
 19 General Hospital as site chief of anatomical
 20 pathology and at the closure of Grace
 21 Hospital, I moved to the General Hospital
 22 site.
 23 I continued to work in that position
 24 until March 2005. With the formation of
 25 Eastern Health in April, I stepped down from

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1 that position and worked as a staff
 2 pathologist until October 2005. In 2005, I
 3 moved to Alberta with a position at the Red
 4 Deer Regional Hospital.
 5 COFFEY, Q.C.:
 6 Q. Red Deer?
 7 DR. S. PARAI:
 8 A. Red Deer.
 9 COFFEY, Q.C.:
 10 Q. Okay, go ahead.
 11 DR. S. PARAI:
 12 A. In Alberta, as staff pathologist, and worked
 13 there until December 2006. I returned to St.
 14 John's in January 2007 and working in the
 15 present position as a staff pathologist.
 16 COFFEY, Q.C.:
 17 Q. And you're located where, Doctor?
 18 DR. S. PARAI:
 19 A. At the General Hospital.
 20 COFFEY, Q.C.:
 21 Q. General Hospital.
 22 DR. S. PARAI:
 23 A. I'm a faculty with the Memorial University of
 24 Newfoundland, rank of clinical professor of
 25 pathology.

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1 COFFEY, Q.C.:
 2 Q. So that kind of recounts your educational and
 3 your professional history. Doctor, to go back
 4 then, I take it that you went to the Grace
 5 Hospital here in St. John's in 1993?
 6 DR. S. PARAI:
 7 A. Yes.
 8 COFFEY, Q.C.:
 9 Q. But I understand you to say that you had been
 10 in St. John's before that?
 11 DR. S. PARAI:
 12 A. Yes.
 13 COFFEY, Q.C.:
 14 Q. I understood that correctly?
 15 DR. S. PARAI:
 16 A. Yeah, I came in '88, in May.
 17 COFFEY, Q.C.:
 18 Q. In May of '88.
 19 DR. S. PARAI:
 20 A. May 29th, 1988.
 21 COFFEY, Q.C.:
 22 Q. '88?
 23 DR. S. PARAI:
 24 A. Yes.
 25 COFFEY, Q.C.:

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1 Q. And from that point until when, you were--you
 2 left for a while in the early '90s? Did I
 3 understand you correctly? I was just trying
 4 to follow the chronology.
 5 DR. S. PARAI:
 6 A. Yes, I went for two years, sorry, two months
 7 at a fellowship training in Ottawa Civic
 8 Hospital.
 9 COFFEY, Q.C.:
 10 Q. Okay, so you spent two months in Ottawa?
 11 DR. S. PARAI:
 12 A. Yes.
 13 COFFEY, Q.C.:
 14 Q. And then following that, when you returned to
 15 St. John's, it was at the Grace Hospital?
 16 DR. S. PARAI:
 17 A. No, no, at the General.
 18 COFFEY, Q.C.:
 19 Q. The General?
 20 DR. S. PARAI:
 21 A. That was 1991 I went to the fellow. At that
 22 time, I was at the General Hospital.
 23 COFFEY, Q.C.:
 24 Q. So you were in the General Hospital from '88
 25 through '91?

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1 DR. S. PARAI:
 2 A. '93, yeah.
 3 COFFEY, Q.C.:
 4 Q. You did the two months in Ottawa. You
 5 returned to the General?
 6 DR. S. PARAI:
 7 A. Correct.
 8 COFFEY, Q.C.:
 9 Q. And you stayed there until you moved to the
 10 Grace?
 11 DR. S. PARAI:
 12 A. Correct.
 13 COFFEY, Q.C.:
 14 Q. In 1993?
 15 DR. S. PARAI:
 16 A. Yes.
 17 COFFEY, Q.C.:
 18 Q. Okay. Because when you had mentioned you had
 19 gone to Ottawa, I wasn't certain for how long,
 20 so that's what I was trying to figure out.
 21 Doctor, and if we could bring up then, please,
 22 Exhibit P1600? And this'll come up on the
 23 screen for you, Doctor, and if you do need to,
 24 Doctor, just to let you know, you'll see
 25 there, just below the screen, there's a mouse,

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1 one of these little scrolling devices, and you
 2 are able to, in fact, if you wish, to scroll
 3 up and down. The Commissioner has seen this
 4 page before, Doctor. It's a listing of
 5 pathologists, labelled Eastern Health
 6 Pathologist Staff Turnover, and it lists a
 7 number of different pathologists, you know,
 8 their start dates, their termination dates and
 9 in some cases, the comments of course,
 10 indicate why they had terminated their
 11 employment. There's retirement and another
 12 person was deceased. In terms of yourself,
 13 Doctor, you're listed here under 2.03, that's
 14 you, and what I want to draw to your
 15 attention, of course, they have you listed as
 16 starting June 2nd, 1993, and of course,
 17 there's no termination date. That continues.
 18 You're still there today. Doctor, so the
 19 actual start date for the predecessor
 20 organizations for Eastern Health for yourself
 21 -
 22 DR. S. PARAI:
 23 A. Yes.
 24 COFFEY, Q.C.:
 25 Q. - is in fact probably not correct. That's

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1 your most recent start with the Grace?
 2 DR. S. PARAI:
 3 A. It is not correct. I noticed this thing
 4 before. I reminded them that can you correct
 5 it.
 6 COFFEY, Q.C.:
 7 Q. And in fact, as you pointed out just now to
 8 the Commissioner, in terms of St. John's, in
 9 hospitals that are now part of Eastern Health,
 10 you, in fact, date back to 1988?
 11 DR. S. PARAI:
 12 A. Yes.
 13 COFFEY, Q.C.:
 14 Q. Okay, just I wanted to clarify that.
 15 DR. S. PARAI:
 16 A. Yes.
 17 COFFEY, Q.C.:
 18 Q. And give you an assurance that it would be
 19 brought to the Commissioner's attention, okay,
 20 that this is not necessarily correct, this
 21 listing, and in fact, in your case, it's not.
 22 Doctor, what I want to ask you about, in terms
 23 of just so the Commissioner has some sense of
 24 your career with the Health Care Corporation,
 25 in particular, okay, and I will be asking you

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1 as well in some more detail about your time at
 2 the Grace Hospital, but if we could bring up,
 3 please, Exhibit P-1868? Doctor, this is a
 4 letter January 14th, 2000. It's addressed to
 5 Dr. Donald Cook. It's from yourself. At the
 6 time, Dr. Cook is clinical chief acting in the
 7 Laboratory Medicine Program and it's from
 8 yourself. You, at that point, were the site
 9 chief of pathology at the Grace General and
 10 you here write--this is to acknowledge the
 11 receipt of Dr. Cook's letter of January 10th,
 12 2000. "I do hereby accept the appointment of
 13 permanent site chief of anatomical pathology
 14 at the General Hospital site as of May 1,
 15 2000." That's what you've indicated.
 16 DR. S. PARAI:
 17 A. Yes.
 18 COFFEY, Q.C.:
 19 Q. And I take it that you remained in that
 20 position in fact until March 31, 2005, as site
 21 chief?
 22 DR. S. PARAI:
 23 A. Yes.
 24 COFFEY, Q.C.:
 25 Q. Doctor, I'm going to refer to another document

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1 here, if I could. It's Exhibit P-0021. These
 2 are a series of Medical Advisory Committee
 3 minutes, okay, there's a whole grouping of
 4 them here for different dates, but if we could
 5 go to page 51, please? Doctor, this is the
 6 meeting minutes for October 12th, 2005 of the
 7 MAC, and most of it's redacted, but there is a
 8 leave of absence reference here, Dr. Sushil
 9 Parai, leave of absence from the Laboratory
 10 Medicine Program, Division of Anatomical
 11 Pathology, January 7th, 2006 to December 31,
 12 2006. You had a leave of absence for
 13 certainly a year here, under the MAC.
 14 DR. S. PARAI:
 15 A. Yes.
 16 COFFEY, Q.C.:
 17 Q. Had you in fact actually left before January
 18 of '06?
 19 DR. S. PARAI:
 20 A. Yes.
 21 COFFEY, Q.C.:
 22 Q. Okay, and you've described for the
 23 Commissioner, you in fact left when?
 24 DR. S. PARAI:
 25 A. In middle of October, 17th. I was on annual

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1 leave and then -
 2 COFFEY, Q.C.:
 3 Q. Okay. So in practice, formally you were on
 4 leave from January 7th onward, leave in the
 5 sense of leave of absence.
 6 DR. S. PARAI:
 7 A. Yes.
 8 COFFEY, Q.C.:
 9 Q. But in fact, you had vacation or annual leave
 10 time and you took that from mid October
 11 onward?
 12 DR. S. PARAI:
 13 A. Yes.
 14 COFFEY, Q.C.:
 15 Q. Okay. The point what I'm getting at is this,
 16 is that from October 17th, 2005 really until
 17 2007, you weren't at work here in St. John's?
 18 DR. S. PARAI:
 19 A. Yes.
 20 COFFEY, Q.C.:
 21 Q. Okay, you were gone that whole October, the
 22 end of October, November and December of '05?
 23 DR. S. PARAI:
 24 A. Yes.
 25 COFFEY, Q.C.:

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1 Q. And if we could, please, Exhibit P-2112?
 2 Doctor, here, these are--it's the Division of
 3 Anatomical Pathology meeting, the minutes of
 4 January 10th, 2007. There are listed a number
 5 of individuals present, including yourself.
 6 You're right there, and there is, under call
 7 to order, the meeting was called to order by
 8 Doctor--or Dr. Denic welcomed Dr. Avis to his
 9 new position as Acting Chair Discipline of
 10 Laboratory Medicine, and also welcomed Dr., it
 11 would be Sushil Parai back to work at Eastern
 12 Health. So you were--this is your first kind
 13 of meeting, as it were, back in St. John's in
 14 '07?
 15 DR. S. PARAI:
 16 A. Yes.
 17 COFFEY, Q.C.:
 18 Q. Doctor, when did you begin as a site chief at
 19 the Grace Hospital?
 20 DR. S. PARAI:
 21 A. November 1st, 1996.
 22 COFFEY, Q.C.:
 23 Q. And had there been a site chief before that,
 24 do you know?
 25 DR. S. PARAI:

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1 A. No, there was a new position created at the
2 amalgamation with Corporation.
3 COFFEY, Q.C.:
4 Q. Okay, with the formation of the Health Care
5 Corporation and the Grace becoming part of it?
6 DR. S. PARAI:
7 A. Yes.
8 COFFEY, Q.C.:
9 Q. There is this new position created and you are
10 appointed to it?
11 DR. S. PARAI:
12 A. Yes.
13 COFFEY, Q.C.:
14 Q. Doctor, had there been a comparable position
15 to that before that?
16 DR. S. PARAI:
17 A. At the Grace?
18 COFFEY, Q.C.:
19 Q. Yes, in the sense of, you know, I appreciate
20 as the site chief because it's a particular
21 site.
22 DR. S. PARAI:
23 A. Yes.
24 COFFEY, Q.C.:
25 Q. Before that, the Grace had been an independent

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1 hospital.
2 DR. S. PARAI:
3 A. It is a different position I would say in a
4 reduced capacity, reduced responsibility.
5 COFFEY, Q.C.:
6 Q. Okay, I'm going to ask you about that, if you
7 could expand upon that then. There had been
8 some kind of a medical director, I take it,
9 before you were appointed site chief. The
10 Grace Hospital had a person who was a medical
11 director and had somebody, a pathologist who
12 was in charge?
13 DR. S. PARAI:
14 A. I was the medical director, Director of
15 Laboratory Medicine.
16 COFFEY, Q.C.:
17 Q. For the Grace?
18 DR. S. PARAI:
19 A. Yes.
20 COFFEY, Q.C.:
21 Q. Before the Health Care Corporation ever came
22 along?
23 DR. S. PARAI:
24 A. Yes.
25 COFFEY, Q.C.:

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1 Q. So I want to ask, so the Commissioner
2 understands kind of the world in which you
3 worked at the time, and how it evolved, that's
4 why I'm asking you about it. Could you
5 compare your position as the medical director
6 in the Grace Hospital days, when it was a
7 hospital by itself, to what happened when you
8 became site chief, and how it changed?
9 Perhaps you could tell the Commissioner about
10 that?
11 DR. S. PARAI:
12 A. The designation was not medical director. It
13 was Director of Laboratories.
14 COFFEY, Q.C.:
15 Q. Okay, I'll get the title right, okay, Director
16 of Laboratories.
17 DR. S. PARAI:
18 A. Yeah, it is similar position.
19 COFFEY, Q.C.:
20 Q. As Director of Laboratories, what were you
21 responsible for?
22 DR. S. PARAI:
23 A. It's a quality service for the laboratory and
24 the administrative, as well as the service
25 oriented service. It is 80 percent of the

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1 component, work component is clinical. 20
2 percent is administrative and supervising the
3 medical or clinical supervision of the all
4 division of laboratory medicine. There are
5 four divisions before amalgamation and also
6 clinical work sharing with the other fellow
7 pathologists in the Department.
8 COFFEY, Q.C.:
9 Q. And about 80 percent of your time was supposed
10 to be clinical work of your own?
11 DR. S. PARAI:
12 A. Yes.
13 COFFEY, Q.C.:
14 Q. And you had 20 percent of your time allotted
15 to the administrative end of things?
16 DR. S. PARAI:
17 A. Right.
18 COFFEY, Q.C.:
19 Q. Doctor, in that position, who reported to you?
20 What sorts of people reported to you?
21 DR. S. PARAI:
22 A. There are four other pathologists. We are a
23 group of five pathologists. It's
24 administratively four pathologists would be
25 reporting to me.

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1 COFFEY, Q.C.:

2 Q. And that would just be pathologists reporting

3 to you? How about the technologists, who did

4 they report to, in the days before the Health

5 Care Corporation?

6 DR. S. PARAI:

7 A. There was a manager, a technical manager. The

8 technologists will be reportable to the

9 manager of the lab.

10 COFFEY, Q.C.:

11 Q. And who did the manager report to?

12 DR. S. PARAI:

13 A. Manager would report to the medical director

14 of hospital, and also to the laboratory

15 director.

16 COFFEY, Q.C.:

17 Q. Which was?

18 DR. S. PARAI:

19 A. Myself.

20 COFFEY, Q.C.:

21 Q. That's what I'm getting at is that in those

22 days, the senior technologist, the person in

23 charge -- the technologist in charge of the

24 technologists, the manager, he or she reported

25 to you?

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1 DR. S. PARAI:

2 A. Yes, it was joint reporting to the medical

3 director and laboratory director.

4 COFFEY, Q.C.:

5 Q. Who did you report to?

6 DR. S. PARAI:

7 A. To the medical director of the hospital.

8 COFFEY, Q.C.:

9 Q. So the manager reported to you and to the

10 medical director. You reported to the medical

11 director?

12 DR. S. PARAI:

13 A. Yes.

14 COFFEY, Q.C.:

15 Q. Doctor, in that capacity at the time, would

16 you actually have any supervisory role over

17 the technologists themselves? I appreciate

18 not directly, but how about indirectly.

19 DR. S. PARAI:

20 A. There are some indirect supervision with the

21 liaison with the manager of the lab in an

22 advisory capacity.

23 COFFEY, Q.C.:

24 Q. And in what sorts of -- for what sorts of

25 things did the manager of the laboratory

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1 report to you?

2 DR. S. PARAI:

3 A. Clinical problem, troubleshooting, service all

4 -- the lab has four division, not only

5 pathology, cytology, biochemistry, hematology,

6 transfusion, microbiology, any issue related

7 to those divisions, reporting any error or any

8 incidents report.

9 COFFEY, Q.C.:

10 Q. And they would end up -- the manager, if it

11 involved the technologists, would end up

12 coming to you about those things?

13 DR. S. PARAI:

14 A. Yes, we would consult, will discuss, and --

15 COFFEY, Q.C.:

16 Q. Just on that point, what I understand is that

17 you, yourself, had the pathologists reporting

18 to you, the other four pathologists who were

19 there. The other divisions, who did they

20 report to? If there were physicians, for

21 example, in hematology, who would they report

22 to?

23 DR. S. PARAI:

24 A. There is separate divisions. One of the

25 pathologists was interested in one particular

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1 division, they will supervise those divisions

2 with their experience and interest.

3 COFFEY, Q.C.:

4 Q. So as the laboratory director, were you

5 responsible for, for example, hematology?

6 DR. S. PARAI:

7 A. Well, there was another pathology point person

8 or designate to hematology division who had

9 been working there 30 years with experience

10 and expertise.

11 COFFEY, Q.C.:

12 Q. But if that person had a problem or concern of

13 a clinical nature, would they come to you

14 about it or could they come to you about it?

15 DR. S. PARAI:

16 A. Yes.

17 COFFEY, Q.C.:

18 Q. Because you were their supervisor?

19 DR. S. PARAI:

20 A. Yes.

21 COFFEY, Q.C.:

22 Q. At least on paper, anyway, you were certainly

23 their supervisor?

24 DR. S. PARAI:

25 A. Yes.

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1 COFFEY, Q.C.:

2 Q. Doctor, what then happened when you assumed

3 the site chief's role? What were you

4 responsible for then?

5 DR. S. PARAI:

6 A. Anatomical Pathology Division, and that

7 consists of surgical pathology, autopsy

8 service, and cytopathology.

9 COFFEY, Q.C.:

10 Q. How about hematology and biochemistry, and

11 those other --

12 DR. S. PARAI:

13 A. With the restructuring of the Health Care

14 Corporation, those divisions would be

15 supervised by divisional chief at the General

16 Hospital site. I want to correct it. Only

17 surgical pathology and autopsy, cytopathology.

18 There was another divisional chief at the

19 General Hospital site.

20 COFFEY, Q.C.:

21 Q. So was there a divisional chief for surgical

22 pathology or anatomical pathology?

23 DR. S. PARAI:

24 A. No, the same person. I was the --

25 COFFEY, Q.C.:

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1 Q. You were the site chief -- in the case of

2 surgical and anatomical pathology upon the

3 formation of the Health Care Corporation, it

4 was the site chief who was responsible for the

5 surgical pathology and anatomical pathology in

6 a particular institution?

7 DR. S. PARAI:

8 A. Yes.

9 COFFEY, Q.C.:

10 Q. But that was not true for the other

11 departments, cytology, they were run as a

12 division out of the General Hospital?

13 DR. S. PARAI:

14 A. Yes.

15 COFFEY, Q.C.:

16 Q. Hematology, same thing?

17 DR. S. PARAI:

18 A. Same.

19 COFFEY, Q.C.:

20 Q. Doctor, can you tell the Commissioner why that

21 difference existed, why there was no

22 divisional manager for anatomical pathology?

23 Do you know why?

24 DR. S. PARAI:

25 A. Well, do I understand your question,

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1 divisional manager for the medical clinical

2 services or technical services?

3 COFFEY, Q.C.:

4 Q. Clinical.

5 DR. S. PARAI:

6 A. Dr. Haegert was the clinical chief, and in a

7 meeting he mentioned he will be the divisional

8 chief of the anatomical pathology division and

9 the site chief would be reportable to him.

10 COFFEY, Q.C.:

11 Q. In that capacity?

12 DR. S. PARAI:

13 A. Yes.

14 COFFEY, Q.C.:

15 Q. So you assumed the site chief's role, and your

16 understanding at the time was you were then

17 responsible for what? How had things changed

18 from one position to the next? In your world,

19 how had they changed?

20 DR. S. PARAI:

21 A. I was only working clinical work at the

22 anatomical pathology division meaning surgical

23 and autopsy services, some cytology also, and

24 administrative complement of that division,

25 limited only one division.

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1 COFFEY, Q.C.:

2 Q. One division.

3 DR. S. PARAI:

4 A. Reduced position.

5 COFFEY, Q.C.:

6 Q. Before that, you'd been doing a number of

7 different -- what ended up being a number of

8 other divisions you had originally been

9 responsible for?

10 DR. S. PARAI:

11 A. Yes.

12 COFFEY, Q.C.:

13 Q. Hematology and those others you've listed?

14 DR. S. PARAI:

15 A. Yes.

16 COFFEY, Q.C.:

17 Q. And that changed, it narrowed down to surgical

18 pathology?

19 DR. S. PARAI:

20 A. And autopsy.

21 COFFEY, Q.C.:

22 Q. And autopsy?

23 DR. S. PARAI:

24 A. Yes.

25 COFFEY, Q.C.:

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1 Q. Now, Doctor, in that capacity as site chief,
 2 who reported to you then in your capacity as
 3 site chief?
 4 DR. S. PARAI:
 5 A. The administrative role have changed with the
 6 creation of the new position and
 7 restructuring. I would not say the other
 8 pathologists was reportable to me. If you
 9 look at the by-law of the Health Care
 10 Corporation at that time, it was the
 11 divisional chief in charge of a division, and
 12 the clinical chief in charge of overall
 13 divisions. Now it was not clear to me at the
 14 time whether the other four pathologists in
 15 the hospital was reportable to me, but in
 16 practice, we have the same relationship,
 17 cordial relationship as before Health Care
 18 Corporation. There was no change of
 19 administrative structure unofficially, I will
 20 say. So it remained an unclear entity.
 21 COFFEY, Q.C.:
 22 Q. I take it, and not well defined? On paper,
 23 anyway, it wasn't a well defined relationship?
 24 DR. S. PARAI:
 25 A. Yes.

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1 COFFEY, Q.C.:
 2 Q. Doctor, you remained in that capacity as site
 3 chief until 2000?
 4 DR. S. PARAI:
 5 A. Yes.
 6 COFFEY, Q.C.:
 7 Q. Was there ever a job description written up
 8 for the site chief at the Grace that you were
 9 aware of?
 10 DR. S. PARAI:
 11 A. I haven't received any.
 12 COFFEY, Q.C.:
 13 Q. And you weren't asked to prepare one yourself?
 14 DR. S. PARAI:
 15 A. No, I did not prepare myself.
 16 COFFEY, Q.C.:
 17 Q. You didn't prepare one and no one asked you to
 18 do it either, I take it?
 19 DR. S. PARAI:
 20 A. Well, I don't think I had authority to prepare
 21 myself a job description.
 22 COFFEY, Q.C.:
 23 Q. Doctor, when you assumed the role of site
 24 chief at the general hospital -- I just want
 25 to stay on this theme for a moment. Who had

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1 been the site chief at the General before you?
 2 DR. S. PARAI:
 3 A. Dr. Pat Wadden.
 4 COFFEY, Q.C.:
 5 Q. And before Dr. Wadden?
 6 DR. S. PARAI:
 7 A. Dr. Chittal.
 8 COFFEY, Q.C.:
 9 Q. And before that?
 10 DR. S. PARAI:
 11 A. Dr. Khalifa.
 12 COFFEY, Q.C.:
 13 Q. Doctor, we understand -- Dr. Khalifa was here
 14 yesterday and testified that he left in 1999,
 15 he left St. John's around May/June of 1999,
 16 and you took over in May of 2000. So about a
 17 year later.
 18 DR. S. PARAI:
 19 A. It was July, although my appointment is May
 20 1st. Now that because of the delay of the
 21 closure of the Grace Hospital, and then I
 22 spoke with Don Cook and he said when the Grace
 23 closes, you go to the General Hospital site,
 24 so it is July, 2000.
 25 COFFEY, Q.C.:

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1 Q. In practice -- it was July before you arrived,
 2 actually arrived in the General Hospital
 3 itself?
 4 DR. S. PARAI:
 5 A. Right.
 6 COFFEY, Q.C.:
 7 Q. When you took that position, and we just
 8 looked at the letter where you accepted, it
 9 was in mid January of 2000 that you agreed
 10 that you would become site chief in the future
 11 of the General. Did you have any
 12 understanding -- first of all, did you see any
 13 job description at that time as to what your
 14 role would be?
 15 DR. S. PARAI:
 16 A. I have not received any job description.
 17 COFFEY, Q.C.:
 18 Q. Up until the time you resigned as site chief
 19 in 2005 at the General Hospital, was there
 20 ever a description in writing that you're
 21 aware of?
 22 DR. S. PARAI:
 23 A. Not that I am aware of.
 24 DR. S. PARAI:
 25 A. You've indicated that while you were site

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1 chief at the Grace that Dr. Haegert had a
 2 meeting and indicated that he would act as
 3 divisional chief for surgical - anatomical
 4 surgical pathology, and he was also the
 5 clinical chief of the day, I take it, Dr.
 6 Haegert at that time?
 7 DR. S. PARAI:
 8 A. Yes.
 9 COFFEY, Q.C.:
 10 Q. As the site chief of the Grace, who did you
 11 report to? You reported to Dr. Haegert?
 12 DR. S. PARAI:
 13 A. To Dr. Haegert.
 14 COFFEY, Q.C.:
 15 Q. And in his capacity as clinical chief and
 16 divisional chief or just divisional chief?
 17 DR. S. PARAI:
 18 A. Both.
 19 COFFEY, Q.C.:
 20 Q. Can you tell the Commissioner, please, in your
 21 days as site chief at the Grace, how often, if
 22 at all, the site chiefs from the various sites
 23 would get together and meet?
 24 DR. S. PARAI:
 25 A. There was a monthly meeting in rotation with

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1 three sites, that is St. Clare, General, and
 2 Grace Hospital, and except the summer months.
 3 So there would be about eight to nine meeting
 4 a year.
 5 COFFEY, Q.C.:
 6 Q. And it rotated from one site to the next?
 7 DR. S. PARAI:
 8 A. Yes.
 9 COFFEY, Q.C.:
 10 Q. Your turn would come up to host it every third
 11 time?
 12 DR. S. PARAI:
 13 A. Yes.
 14 COFFEY, Q.C.:
 15 Q. Doctor, I take it that this goes back to the
 16 days of Dr. Khalifa's time when he was site
 17 chief?
 18 DR. S. PARAI:
 19 A. Yes.
 20 COFFEY, Q.C.:
 21 Q. And you were site chief, and Dr. Haegert was
 22 the clinical chief, and Dr. Cook was the site
 23 chief at St. Clare's?
 24 DR. S. PARAI:
 25 A. Yes.

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1 COFFEY, Q.C.:
 2 Q. It goes back to that time. Doctor, that
 3 practice, how long did that continue for?
 4 DR. S. PARAI:
 5 A. Until Grace closed.
 6 COFFEY, Q.C.:
 7 Q. And then what happened?
 8 DR. S. PARAI:
 9 A. Then we --
 10 COFFEY, Q.C.:
 11 Q. Then you took over at the General.
 12 DR. S. PARAI:
 13 A. We had also same meeting or similar meeting
 14 between two sites, General and St. Clare's.
 15 COFFEY, Q.C.:
 16 Q. And it continued on then up until the time you
 17 left a site chief?
 18 DR. S. PARAI:
 19 A. Yes.
 20 COFFEY, Q.C.:
 21 Q. Now the purpose of those meetings from your
 22 perspective was what, the site chief's
 23 meetings?
 24 DR. S. PARAI:
 25 A. It's a communication, it was policy making, it

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1 was various issues arise in the division on
 2 both sides, and relayed to our site
 3 pathologists, and from them get feedback and
 4 make plan.
 5 COFFEY, Q.C.:
 6 Q. So it dealt with administrative and clinical
 7 issues from time to time?
 8 DR. S. PARAI:
 9 A. Both.
 10 COFFEY, Q.C.:
 11 Q. Doctor, at the Grace itself, the Grace
 12 Hospital itself, in your days as site chief,
 13 what quality assurance practises were there
 14 for surgical pathology at that time?
 15 DR. S. PARAI:
 16 A. We followed College of American Pathologists
 17 that was available at that time, but it was a
 18 partial implementation of that quality
 19 assurance program.
 20 COFFEY, Q.C.:
 21 Q. I'll come to that in a bit. We do have some
 22 documents that relate, at least at certain
 23 points, to the College of American
 24 Pathologists Program. Doctor, was there
 25 anything else that surgical pathology program

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1 at the Grace was involved in, any other
 2 external issues?
 3 DR. S. PARAI:
 4 A. We had American Society of Clinical Pathology
 5 checklist, which is CME Program. We sponsored
 6 that program. We had surgical pathology,
 7 cytopathology, program would come and we'll
 8 follow the direction and -- yes.
 9 COFFEY, Q.C.:
 10 Q. How about internal to the Grace itself, what
 11 was done in terms of quality assurance?
 12 DR. S. PARAI:
 13 A. Interdepartmental consultation. We had a good
 14 group of pathologists, well experienced and
 15 educated, working there a long time, and every
 16 day or almost every day we had regular multi
 17 (unintelligible) consultation, and we have
 18 several rounds we organized, a gynepath round,
 19 dermapath round, and so -- and formal and
 20 informal consultation in the department.
 21 COFFEY, Q.C.:
 22 Q. What about with respect to other non-
 23 pathologist clinicians, would there be any --
 24 was there any formal or semi-formal
 25 interaction with them in terms of QA?

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1 DR. S. PARAI:
 2 A. We had formal interaction, as I mentioned.
 3 The gynepathology round was quite popular.
 4 Every month we'll meet a number of
 5 dermatologists -- in town that time there are
 6 three dermatologists. We organize meeting,
 7 discuss four to six dermatological cases, both
 8 clinical and pathological, and come to a
 9 conclusion, consensus of opinion, some
 10 recommendations. That's one. The second
 11 thing was some gynepathological rounds.
 12 COFFEY, Q.C.:
 13 Q. I'm sorry, the what?
 14 DR. S. PARAI:
 15 A. Gynecological.
 16 COFFEY, Q.C.:
 17 Q. Okay.
 18 DR. S. PARAI:
 19 A. Gynecological rounds.
 20 COFFEY, Q.C.:
 21 Q. And anything else?
 22 DR. S. PARAI:
 23 A. We have got involved in the medical grand
 24 round of the Grace General Hospital.
 25 Pathologists would go there and there is some

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1 nephrology meeting. That's the clinical
 2 pathological correlation with the clinical
 3 medicine department.
 4 COFFEY, Q.C.:
 5 Q. At the Grace, was there any one individual
 6 responsible for quality assurance activities
 7 within the hospital?
 8 DR. S. PARAI:
 9 A. There was no such position in the hospital.
 10 COFFEY, Q.C.:
 11 Q. So no one individual position responsible?
 12 DR. S. PARAI:
 13 A. No.
 14 COFFEY, Q.C.:
 15 Q. What sorts of individuals spearheaded those
 16 activities?
 17 DR. S. PARAI:
 18 A. It's not only me. There were other
 19 pathologists that got involved into this
 20 rounds.
 21 COFFEY, Q.C.:
 22 Q. Doctor, the decision to close the Grace
 23 Hospital, how as that received by the staff at
 24 the Grace at the time? What's your memory of
 25 that, how did the staff feel about it, and the

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1 staff in the sense of the people working in
 2 the laboratory, the technologists that you
 3 were aware of, and your fellow pathologists,
 4 how did they feel about that at the time?
 5 DR. S. PARAI:
 6 A. It was a bad experience. A lot of
 7 technologists that had been working there a
 8 long time, they feel sad, some people are
 9 crying, disappointment, and all kinds of
 10 emotions at the Grace.
 11 COFFEY, Q.C.:
 12 Q. The pathologists, where were they -- were they
 13 divided up between St. Clare's and the
 14 General, or did you all end up in the one
 15 site?
 16 DR. S. PARAI:
 17 A. Divided between two.
 18 COFFEY, Q.C.:
 19 Q. And how was that decided, do you recall?
 20 DR. S. PARAI:
 21 A. The principle was based on the workload, what
 22 percentage of the pathology work moved to the
 23 General Hospital and St. Clare and we have a
 24 rough estimate and, based on that, we are
 25 pathologists. We estimated at that time 60 to

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1 65 percent of the pathology workload moved to
 2 the General Hospital site, and the rest to the
 3 St. Clare's. So three pathologists moved to
 4 the General and to St. Clare.
 5 COFFEY, Q.C.
 6 Q. And it was split 3/2 - 60/40, in effect.
 7 DR. S. PARAI:
 8 A. Yes.
 9 COFFEY, Q.C.
 10 Q. And you were one of those who ended up at the
 11 General Hospital.
 12 DR. S. PARAI:
 13 A. Yes.
 14 COFFEY, Q.C.
 15 Q. Now, Doctor, before I leave the topic of the
 16 Grace Hospital itself, was there breast
 17 surgery being performed at the Grace Hospital?
 18 DR. S. PARAI:
 19 A. Yes, but not many.
 20 COFFEY, Q.C.
 21 Q. I was going to ask you about that. In terms
 22 of within the St. John's area, where was the
 23 bulk of the breast surgery being done in the
 24 late 1990's?
 25 DR. S. PARAI:

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1 A. St. Clare's site.
 2 COFFEY, Q.C.
 3 Q. And how would the volume of breast surgery at
 4 the Grace compare with the volume at St.
 5 Clare's?
 6 DR. S. PARAI:
 7 A. I can't recall the statistics now, but I would
 8 say we were doing 50 percent up there compared
 9 to St. Clare's doing.
 10 COFFEY, Q.C.
 11 Q. St. Clare's would be doing about double what
 12 you--the Grace was.
 13 DR. S. PARAI:
 14 A. Even more.
 15 COFFEY, Q.C.
 16 Q. Or perhaps more.
 17 DR. S. PARAI:
 18 A. More.
 19 COFFEY, Q.C.
 20 Q. And to put it another way, looking back to
 21 your days as site chief at the Grace, about
 22 how many breast cancer surgeries would be
 23 performed at the Grace per year. Roughly,
 24 about how many a year would you do?
 25 DR. S. PARAI:

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1 A. I can't tell you the exact number.
 2 COFFEY, Q.C.
 3 Q. No, I appreciate that.
 4 DR. S. PARAI:
 5 A. Two to three hundred or more.
 6 COFFEY, Q.C.
 7 Q. Cases per year at the Grace itself?
 8 DR. S. PARAI:
 9 A. Yes, all the cancer.
 10 COFFEY, Q.C.
 11 Q. Cancer. Would that be breast cancer?
 12 DR. S. PARAI:
 13 A. Yes.
 14 COFFEY, Q.C.
 15 Q. And, Doctor, what was the situation then when
 16 you arrived at - and perhaps I'll back up a
 17 bit - when you came to Newfoundland back in
 18 1988, okay - I believe that's when you arrived
 19 and started at the General Hospital. What was
 20 the situation at that point in terms of
 21 analysis of breast cancer--or breast tumours
 22 for estrogen receptors and progesterone
 23 receptors, ER and PR? What was the situation
 24 back in '88?
 25 DR. S. PARAI:

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1 A. There was no--well, there was biochemical
 2 assay at that time.
 3 COFFEY, Q.C.
 4 Q. Okay.
 5 DR. S. PARAI:
 6 A. And a division of biochemistry, General
 7 Hospital site.
 8 COFFEY, Q.C.
 9 Q. And were pathologists involved in that aspect
 10 of the matter back then?
 11 DR. S. PARAI:
 12 A. No.
 13 COFFEY, Q.C.
 14 Q. What was your first exposure then to ER and PR
 15 because the biochemists were doing it in the
 16 meantime, I take it, when you were at the
 17 General, and when you moved over to the Grace
 18 the same thing applied, I take it.
 19 DR. S. PARAI:
 20 A. Initially, sometimes the surgeon will ask us
 21 to take a block and send it for biochemical
 22 assay to the General Hospital site, sometimes.
 23 Most of the time, they will choose a block in
 24 the operating room. Sometimes if the
 25 pathologist are at the operating room doing a

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1 frozen section for breast or are receiving a
 2 specimen, breast specimen, for cancer, surgeon
 3 will ask would we send a tissue for
 4 biochemical assay.
 5 COFFEY, Q.C.
 6 Q. I'm asking you about, not so much the
 7 biochemical as the ER and PR testing via
 8 paraffin blocks by HC. What was your first
 9 exposure to that?
 10 DR. S. PARAI:
 11 A. In 1997.
 12 COFFEY, Q.C.
 13 Q. And in what context did that occur?
 14 DR. S. PARAI:
 15 A. We had noticed that surgeons would call us to
 16 send a tissue block of cancer, breast cancer,
 17 to the Health Sciences for ER/PR receptor
 18 study.
 19 COFFEY, Q.C.
 20 Q. Receptor study?
 21 DR. S. PARAI:
 22 A. Receptor analysis or study.
 23 COFFEY, Q.C.
 24 Q. Okay, and, Doctor, while you were at the
 25 Grace, did the Grace Hospital ever deal with

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1 any other institution except the General
 2 Hospital in relation to ER and PR analysis.
 3 DR. S. PARAI:
 4 A. No.
 5 COFFEY, Q.C.
 6 Q. Okay, whatever ER and PR analysis was
 7 performed, whether biochemically or by IHC, it
 8 was done at the General Hospital, wherever it
 9 was done.
 10 DR. S. PARAI:
 11 A. Yes.
 12 COFFEY, Q.C.
 13 Q. Doctor, could you tell the Commissioner,
 14 please, what you know about or what you recall
 15 about Dr. Khalifa's efforts to introduce the
 16 IHC method to ER and PR in St. John's? What
 17 do you recall about that?
 18 DR. S. PARAI:
 19 A. We had several meeting with Dr. Khalifa while-
 20 -you know, the site chief at the General
 21 Hospital, regular meeting, and it was
 22 discussed to implementation of the IHC for
 23 breast ER/PR. The meeting went--several
 24 meeting we had and we needed some time to see
 25 the correlation between the biochemical assay

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1 as well as immunohistochemistry he was doing
 2 at the General Hospital site since '97, and
 3 when he came up with the study of good
 4 correlation and discussed at the site chief
 5 meeting with the presence of clinical chief,
 6 and we are in argument that maybe this is the
 7 way to go.
 8 COFFEY, Q.C.
 9 Q. And, Doctor, if I could, please -
 10 Commissioner, if I could, please, there are
 11 some new exhibits. I'm going to ask that they
 12 be entered. They are 2395 and 2396, 2398
 13 through 2408 inclusive, and then 2426 through
 14 2428 inclusive, and 2439, as well as a C-0183.
 15 Thank you. Doctor, I'm going to ask you to
 16 look at some exhibits now, Doctor. Registrar,
 17 Exhibit P-2395. Doctor, this is a letter from
 18 Dr. Khalifa, April 14, 1997, addressed to
 19 yourself, and he writes, "Enclosed please find
 20 a folder with copies of the specification
 21 sheets for all the immunoglobulins available
 22 in our laboratory. Please keep this folder in
 23 your department and make it available to all
 24 of your staff to help them place their orders.
 25 However, it is of note that few

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1 immunoglobulins are also available in our lab
 2 but yet missing from this folder, and these
 3 are" - and he lists them, and then he says, "I
 4 hope you find this folder to your
 5 satisfaction. Please do not hesitate to call
 6 with any further suggestions or remarks."
 7 Now, Doctor, as of April, 1997, where was the
 8 immunohistochemistry testing being performed
 9 in St. John's?
 10 DR. S. PARAI:
 11 A. At the General Hospital.
 12 COFFEY, Q.C.
 13 Q. Had, to your knowledge, there ever been any
 14 IHC work done at the Grace?
 15 DR. S. PARAI:
 16 A. We introduced a kit method only for limited
 17 number of antibodies, but in the introductory
 18 levels.
 19 COFFEY, Q.C.
 20 Q. And when had that been?
 21 DR. S. PARAI:
 22 A. I don't recall exactly, maybe '96.
 23 COFFEY, Q.C.
 24 Q. Okay, in the mid -
 25 DR. S. PARAI:

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1 A. '96, in the mid time, yeah.
 2 COFFEY, Q.C.
 3 Q. In the mid-90's.
 4 DR. S. PARAI:
 5 A. '96.
 6 COFFEY, Q.C.
 7 Q. '96.
 8 DR. S. PARAI:
 9 A. Yeah.
 10 COFFEY, Q.C.
 11 Q. Why wasn't that pursued at the Grace, Doctor?
 12 DR. S. PARAI:
 13 A. We did not have enough big volume and we
 14 realized this was an introductory we tried to
 15 introduce in immunohistochemistry at the
 16 Grace. We tried with only preliminary--some
 17 common marker for cancer lymphoma and found we
 18 do not have enough resources, volume or
 19 experienced technologists dedicated, so we
 20 thought maybe it is not a good idea to
 21 continue, but it was only for a short time.
 22 COFFEY, Q.C.
 23 Q. And at that point, was there IHC testing being
 24 done at the General Hospital?
 25 DR. S. PARAI:

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1 A. It was.
 2 COFFEY, Q.C.
 3 Q. And let me ask you about this. Was there ever
 4 any discussion about--after you kind of got
 5 introduced to it, or started to experiment
 6 with it, I take it, it's not a completely
 7 inaccurate word to say, "Well, we got some
 8 kits and we have a look and see how--whether
 9 we really want to get involved in this."
 10 DR. S. PARAI:
 11 A. Yes.
 12 COFFEY, Q.C.
 13 Q. If that's what you're describing in 1996.
 14 DR. S. PARAI:
 15 A. Yes.
 16 COFFEY, Q.C.
 17 Q. Was there ever any discussion amongst the site
 18 chiefs, for example, and the clinical chief
 19 about - and you have having embarked on this
 20 initial effort - about, well, whether you
 21 should continue in it and, if not, it should
 22 be centralized in one location - for example,
 23 the General. Was that ever discussed?
 24 DR. S. PARAI:
 25 A. There was no discussion.

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1 COFFEY, Q.C.
 2 Q. I take it, you just -
 3 DR. S. PARAI:
 4 A. There was no, I will say, organized
 5 discussion.
 6 COFFEY, Q.C.
 7 Q. Yes.
 8 DR. S. PARAI:
 9 A. No discussion in a meeting but General
 10 Hospital was doing immunohistochemistry long
 11 before '97.
 12 COFFEY, Q.C.
 13 Q. And having experimented with it or tried it at
 14 least o see if you would want to get involved,
 15 the decision was made by yourself and perhaps
 16 the other pathologists in the Grace that, no,
 17 we will not continue with this.
 18 DR. S. PARAI:
 19 A. It was our joint effort.
 20 COFFEY, Q.C.
 21 Q. Yes.
 22 DR. S. PARAI:
 23 A. Joint decision by all the pathologists.
 24 DR. S. PARAI:
 25 A. And, Doctor, if we could, please - Registrar,

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1 Exhibit P-1856. These are the minutes of an
 2 anatomic pathology site chiefs' meeting and
 3 divisional managers' meeting of May 13, 1997.
 4 Happens to be being held at St. Clare's.
 5 Present were Drs. Cook, Khalifa, yourself, Dr.
 6 Pushpanathan, Mr. Gulliver and Mr. Murphy, and
 7 it notes "The minutes of the December 3, 1996
 8 meeting" - so that would have been five months
 9 earlier - "were accepted by Dr. Khalifa" so,
 10 apparently, this had perhaps been the first
 11 meeting in five months at that point. Doctor,
 12 just so you're aware, the last page of these
 13 minutes - and we looked at this yesterday -
 14 there's a note that "it was agreed to hold
 15 these meetings once a month." So, certainly,
 16 as of May 1997, the decision was made to
 17 henceforth hold them on a monthly basis?
 18 DR. S. PARAI:
 19 A. Yes.
 20 COFFEY, Q.C.
 21 Q. Doctor, on the third page here there's a
 22 reference to new business, ER and PR
 23 immunoperoxidase receptors, and so Dr. Khalifa
 24 reported to the committee that there's good
 25 correlation between a biochemical assay and

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1 immunoperoxidase staining for breast
 2 receptors. So, Doctor, as of May 1997 you
 3 would have been aware that Dr. Khalifa was
 4 involved in this effort to introduce IHC ER/PR
 5 testing. He had been involved for some time.
 6 DR. S. PARAI:
 7 A. Yes.
 8 COFFEY, Q.C.
 9 Q. Had he ever involved you or the Grace in it in
 10 the sense of ask you for any blocks or for
 11 biochemical results or anything like that, do
 12 you recall?
 13 DR. S. PARAI:
 14 A. No.
 15 COFFEY, Q.C.
 16 Q. Here, Doctor, it's noted that--in the third
 17 line, Doctor, in the minutes note, "It appears
 18 that the time may be right to implement the
 19 immunoperoxidase, breast receptors, corporate-
 20 wide, which would be across the Health Care
 21 Corporation. "Dr. Cook stated that there's a
 22 concern among the pathologists at St. Clare's
 23 that they be the ones reporting the breast
 24 receptors. Discussion then arose that if
 25 individual pathologists are reporting these

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1 receptors, then there's a need for
 2 standardized criteria to determine what is
 3 required"--I'm sorry, "what is regarded as
 4 receptor positive and negative," and there's a
 5 reference to also discussions to how the Mayo
 6 Clinic reports its receptors. It was decided
 7 that this issue should be brought to a
 8 discipline meeting to get a consensus amongst
 9 pathologists and, hopefully, that meeting
 10 would be held in June. In the meantime, the
 11 status quo would be maintained." Now, Doctor,
 12 now did the discussion, if there was one,
 13 occur at the Grace Hospital concerning whether
 14 or not individual pathologists there or a
 15 group would get involved in reporting ER/PR?
 16 DR. S. PARAI:
 17 A. After this meeting, I discussed this issue
 18 with our pathologist at the Grace Hospital and
 19 asked their opinion, what would you prefer to
 20 do.
 21 COFFEY, Q.C.
 22 Q. And what was the result of that, Doctor?
 23 DR. S. PARAI:
 24 A. The majority wanted to report themselves.
 25 COFFEY, Q.C.

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1 Q. Now, Doctor, had you had yourself any prior
 2 experience with ER/PR IHC testing?
 3 DR. S. PARAI:
 4 A. No.
 5 COFFEY, Q.C.
 6 Q. And to your knowledge, had the other
 7 pathologists at the Grace had any such
 8 experience?
 9 DR. S. PARAI:
 10 A. I will say, no.
 11 COFFEY, Q.C.
 12 Q. At least that you were aware of at the time.
 13 DR. S. PARAI:
 14 A. I was not aware, yeah.
 15 COFFEY, Q.C.
 16 Q. Exhibit P-1857. Doctor, these are the minutes
 17 of a meeting, Page 2, on June 17, 1997. It's
 18 a similar meeting and it's indicated you were
 19 present and, looking at the third page of the
 20 exhibit, the second page of the minutes under
 21 Paragraph 3.4 - "ER and PR Receptor
 22 Interpretation - this was discussed in detail.
 23 The majority of pathologists at St. Clare's,
 24 as well as the Grace Hospital, would like to
 25 interpret their own cases with control slides,

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1 and Dr. Khalifa has agreed to provide a number
 2 of cases to the Grace Hospital to review them
 3 to be familiar with the positive and negative
 4 results." Now, Doctor, the purpose of Dr.
 5 Khalifa providing such cases was what?
 6 DR. S. PARAI:
 7 A. To educate us for our learning, to be familiar
 8 with the staining and then the positive and
 9 negative -
 10 COFFEY, Q.C.:
 11 Q. Did you understand at the time that there
 12 might be anything different or new about the
 13 ER and PR IHC process, compared to other IHC
 14 stains.
 15 DR. S. PARAI:
 16 A. I was not aware of.
 17 COFFEY, Q.C.:
 18 Q. That there might be anything different about
 19 these?
 20 DR. S. PARAI:
 21 A. Yes.
 22 COFFEY, Q.C.:
 23 Q. Now, Doctor, up to this point, at the Grace
 24 were pathologists ordering IHC stains from the
 25 General?

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1 DR. S. PARAI:
 2 A. Yes.
 3 COFFEY, Q.C.:
 4 Q. Other types of IHC stains.
 5 DR. S. PARAI:
 6 A. Yes.
 7 COFFEY, Q.C.:
 8 Q. And were you reporting your own slides or own
 9 stains at that time?
 10 DR. S. PARAI:
 11 A. Not at this time, no.
 12 COFFEY, Q.C.:
 13 Q. Not the ER/PR now, I'm asking about just any
 14 other IHC stain.
 15 DR. S. PARAI:
 16 A. Yes, we were reporting.
 17 COFFEY, Q.C.:
 18 Q. The others?
 19 DR. S. PARAI:
 20 A. Yes.
 21 COFFEY, Q.C.:
 22 Q. If you ordered an IHC stain, the General
 23 produced the slides and they would come back
 24 to the Grace and you would read the slides and
 25 report them?

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1 DR. S. PARAI:
 2 A. Yes.
 3 COFFEY, Q.C.:
 4 Q. And I appreciate this is not ER/PR at this
 5 point because that's in the future. Doctor,
 6 you've indicated, I think you use the word--
 7 and in fact, the notes note here, the minutes
 8 note that it's the majority. At the Grace
 9 hospital, was there any reservations expressed
 10 by any of the pathologists about getting
 11 involved in this?
 12 DR. S. PARAI:
 13 A. There were some concerns expressed by some
 14 pathologists that we are not familiar with the
 15 ER/PR immunostain and so, there were some
 16 concerns expressed how compatible we are, so
 17 there are some concerns.
 18 COFFEY, Q.C.:
 19 Q. And I take it that is, perhaps, one of the
 20 reasons or one of the things that gave rise to
 21 Dr. Khalifa's (phonetic) agreement to provide
 22 a number of cases to the Grace, to review them
 23 so you would be familiar with them.
 24 DR. S. PARAI:
 25 A. Yes.

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1 COFFEY, Q.C.:
 2 Q. If we could, Exhibit P-2397? And, Doctor,
 3 this is a letter of September 23rd, 1997, the
 4 minutes we just looked at were June 17th.
 5 Here, Dr. Khalifa writes to you in your
 6 capacity, I gather as your capacity of site
 7 chief and says, "As per our last meeting, I am
 8 submitting ten cases of invasive mammary
 9 carcinoma stained with antibodies against
 10 estrogen and progesterone receptors. I am
 11 also enclosing a list of my assessments of
 12 these cases." And he continues, "I am
 13 seriously considering referring the stained
 14 slides to the requesting pathologist for this
 15 test without reporting them. I have discussed
 16 this issue with Dr. Haegert and I would like
 17 to discuss it further in one of our future
 18 meetings. I will appreciate a return of the
 19 slides when you are done with them because I
 20 am going to circulate this collection among
 21 all pathologists who frequently request this
 22 test. I am looking forward to meeting with
 23 you and please accept my best regards." So
 24 this, I take it, Doctor, was the covering
 25 letter sending over the slides that Dr.

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1 Khalifa had agreed to send over to the Grace?
 2 DR. S. PARAI:
 3 A. Yes.
 4 COFFEY, Q.C.:
 5 Q. What happened at the Grace with respect to
 6 those slides in the sense of were they
 7 circulated?
 8 DR. S. PARAI:
 9 A. Yes, circulated. We looked at them
 10 individually and also the group on our multi-
 11 headed scope, we discussed which one you think
 12 positive, which one negative and with any
 13 disagreement and we studied that group of
 14 slides quite awhile, maybe a week and then
 15 returned to him.
 16 COFFEY, Q.C.:
 17 Q. And was it discussed, did you make any further
 18 inquiries to familiarize yourself with this
 19 process?
 20 DR. S. PARAI:
 21 A. We looked at the available literature at that
 22 time, textbook to try to find out more
 23 information, learn ourself how it looks like
 24 and what is the pitfalls. Yes, we took effort
 25 ourselves.

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1 COFFEY, Q.C.:

2 Q. And, Doctor, at the time what do you recall

3 about what was available, at least in your

4 search at the time you found available in

5 textbooks and in journals, concerning this at

6 that time?

7 DR. S. PARAI:

8 A. Not much on textbook, but there was something

9 of a level on the journal, current journals.

10 COFFEY, Q.C.:

11 Q. Articles, I take it, dealing with these

12 techniques or this particular technique.

13 DR. S. PARAI:

14 A. Yes.

15 COFFEY, Q.C.:

16 Q. Do you recall at the time what, if anything,

17 you learned at the time about the pitfalls or

18 potential pitfalls at that time?

19 DR. S. PARAI:

20 A. So far I recall of this immunohistochemistry

21 has some pitfalls and problem of false

22 negative result was quite common and that was

23 a big pitfall and also the procedure itself

24 was complicated and complex.

25 COFFEY, Q.C.:

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1 Q. And do you recall learning at that time about

2 what might cause false negatives?

3 DR. S. PARAI:

4 A. There were various issues discussed in some

5 journal, what I recall, is that the

6 methodology itself has some problem, any

7 concentration only is problem and -

8 COFFEY, Q.C.:

9 Q. I'm sorry, the concentration?

10 DR. S. PARAI:

11 A. The concentration of these antibodies and

12 then, only a few, not many I could recall.

13 COFFEY, Q.C.:

14 Q. Now, but you do recall that there were

15 certainly some.

16 DR. S. PARAI:

17 A. There was.

18 COFFEY, Q.C.:

19 Q. Doctor, at the time you would have been

20 familiar, of course, from your training as a

21 pathologist with the idea of external positive

22 controls?

23 DR. S. PARAI:

24 A. Yes.

25 COFFEY, Q.C.:

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1 Q. And you understood at the time that external

2 positive controls were required in this

3 process.

4 DR. S. PARAI:

5 A. Yes.

6 COFFEY, Q.C.:

7 Q. How about internal controls or the usage of

8 normal epithelium for internal controls in

9 ER/PR?

10 DR. S. PARAI:

11 A. I was not aware at that time.

12 COFFEY, Q.C.:

13 Q. When did you, looking back on it now, when did

14 you first become aware of that?

15 DR. S. PARAI:

16 A. I would say in 2000, 2002, '03. I don't know

17 the exact time, but after several years, a few

18 years.

19 COFFEY, Q.C.:

20 Q. Do you recall what brought it to your

21 attention, like why was it that you became

22 aware of it, do you recall that? I appreciate

23 you might never remember exactly when, but do

24 you recall the circumstances in which it kind

25 of came home to you that internal controls may

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1 be of some significance here?

2 DR. S. PARAI:

3 A. I can't recall exactly the date, I used to go

4 to every year to convention, pathology

5 convention, there has been some presentation,

6 some poster session (phonetic) and some

7 article in journal.

8 COFFEY, Q.C.:

9 Q. And at some point you became aware--now, what

10 did you understand was the significance or

11 potential significance of internal controls in

12 this area.

13 DR. S. PARAI:

14 A. If I recall there are some recommendation of

15 internal control, but it was not anything

16 absolute I could think of, like it must be

17 there.

18 COFFEY, Q.C.:

19 Q. And the advantages, perhaps of them being

20 there, you became aware of them, the potential

21 advantages of utilizing internal controls?

22 DR. S. PARAI:

23 A. Similar.

24 COFFEY, Q.C.:

25 Q. Yes. And now, Doctor, after you had received

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1 these grouping of ten slides from Dr. Khalifa,
 2 had the chance as a group to study them, as
 3 individuals and as a group and done the
 4 research you did, were there any reservations
 5 after that amongst the pathologists at the
 6 Grace about getting involved in this?
 7 DR. S. PARAI:
 8 A. Not much, we thought we would give it a try.
 9 If we are not comfortable, Khalifa was there,
 10 we could go and review with him.
 11 COFFEY, Q.C.:
 12 Q. Exhibit P-1859? Now, Doctor, these are the
 13 minutes of the site chiefs' divisional manager
 14 meeting of October 8th, '97. Under "New
 15 Business" paragraph one, notes "Dr. Khalifa
 16 presented results of an audit of steroid
 17 receptors of 19 breast cancer cases
 18 correlating immunohistochemistry and
 19 biochemical assays." It's typed, but
 20 apparently it was agreed afterward that it was
 21 Dr. Parai, that would be yourself,
 22 "recommended that the Health Care Corporation
 23 continue performing immunohistochemical tests
 24 and encourage doing them on endometrial
 25 carcinomas. He also mentioned that Dr. Thain,

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1 the Cancer Clinic still prefers to see the
 2 biochemical assay done. Standardization of
 3 reporting the results of the
 4 immunohistochemical assay also seemed to be a
 5 problem. Dr. Khalifa was asked to call upon
 6 other Canadian medical centres and the Toronto
 7 General to inquire about their protocols. He
 8 was also asked to check, receive feedback from
 9 the cancer clinic staff." Again, that's
 10 something he was going to do. Now, Doctor,
 11 this analysis of 19 cases, this audit of 19
 12 cases was shown to yourselves in the site
 13 chief's meeting, do you recall that?
 14 DR. S. PARAI:
 15 A. I don't recall any audit of any result there
 16 but, so far I recall, that, yes, he mentioned
 17 the audit has been done and there is a good
 18 correlation, but if the 19 case side by side,
 19 I don't recall them. There might be, but I
 20 don't recall.
 21 COFFEY, Q.C.:
 22 Q. And if it's possible and, if it was--in any
 23 case, I take it, that Dr. Khalifa was telling
 24 you, look, he had done this audit. Yes, these
 25 are the results and they're satisfactory.

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1 DR. S. PARAI:
 2 A. Yes.
 3 COFFEY, Q.C.:
 4 Q. At that time, your view was that you were
 5 prepared to accept his word for it in any
 6 case.
 7 DR. S. PARAI:
 8 A. Yes.
 9 COFFEY, Q.C.:
 10 Q. You would. Doctor - and just looking at that
 11 Page 2 that's there on the screen - it says
 12 "Dr. Khalifa action, Dr. Khalifa action." So
 13 from your perspective as the site chief at the
 14 Grace, who was spearheading this and
 15 responsible for it at that time?
 16 DR. S. PARAI:
 17 A. I would say Dr. Khalifa.
 18 THE COMMISSIONER:
 19 Q. Mr. Coffey, maybe this would be good spot to
 20 take the afternoon break.
 21 COFFEY, Q.C.:
 22 Q. Thank you, sure. Perhaps we'll take it now
 23 then, Commissioner. Thank you.
 24 (OFF RECORD)
 25 THE COMMISSIONER:

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1 Q. Mr. Coffey.
 2 COFFEY, Q.C.:
 3 Q. Thank you, Commissioner. Registrar, Exhibit
 4 P-1850, please. Doctor, this is a memo of
 5 February 16, 1998, from Dr. Khalifa to all
 6 Newfoundland pathologists, and the subject is
 7 "Reporting of Estrogen and Progesterone
 8 Receptor Immunohistochemical Results," and
 9 this is the one where he announces that,
 10 "Henceforth, starting March 1, 1998,
 11 individual pathologists throughout the
 12 province would be expected to--asked and
 13 expected to report their own ER/PR results."
 14 DR. S. PARAI:
 15 A. Yes.
 16 COFFEY, Q.C.:
 17 Q. You remember getting this?
 18 DR. S. PARAI:
 19 A. Yes.
 20 COFFEY, Q.C.:
 21 Q. And I take it, Doctor, that this stage--the
 22 idea of actually sending out such a memo as of
 23 mid-February 1998, this had been agreed by the
 24 site chiefs in St. John's and the clinical
 25 chief.

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1 DR. S. PARAI:
 2 A. Yes.
 3 COFFEY, Q.C.
 4 Q. Here on the second page, the second-last
 5 paragraph says, "Attached please find a
 6 proposal for uniform reporting of ER
 7 immunohistochemical staining," and he
 8 concludes by saying, "As you already know,
 9 there's a considerable host of publications
 10 addressing this issue. I'm glad to share any
 11 of the material I have already have with you,
 12 and I would extremely appreciate your feedback
 13 on this matter. And, Doctor, to your
 14 knowledge, did anyone at the Grace Hospital
 15 that you're aware of ever go looking for other
 16 materials from Dr. Khalifa?
 17 DR. S. PARAI:
 18 A. I am not aware.
 19 COFFEY, Q.C.
 20 Q. If they did, you didn't -
 21 DR. S. PARAI:
 22 A. I was not aware.
 23 COFFEY, Q.C.
 24 Q. It wasn't brought to your attention, and the
 25 actual proposal itself - there is a draft

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1 proposal - the Commissioner saw it yesterday,
 2 actually, in January of '98. Do you know if
 3 the final proposal - this is the final version
 4 - were you asked to review the draft, do you
 5 recall?
 6 DR. S. PARAI:
 7 A. No, I was not.
 8 COFFEY, Q.C.
 9 Q. Okay, you got the final version of it and -
 10 DR. S. PARAI:
 11 A. Yes.
 12 COFFEY, Q.C.
 13 Q. And this would have been distributed to the
 14 pathologist at the Grace Hospital.
 15 DR. S. PARAI:
 16 A. Yes.
 17 COFFEY, Q.C.
 18 Q. Doctor, here--it's the back here, Page 2.
 19 "Each pathologist will be asked to report
 20 results of his or her own cases indicated by
 21 the brown staining of nuclei of the invasive
 22 neoplastic cells." Now up to this point--up
 23 to that point in time, were there any other
 24 stains - IHC or other stains - that you were
 25 aware of that relied upon nuclei staining, up

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1 to that point that you were dealing with.
 2 DR. S. PARAI:
 3 A. No.
 4 COFFEY, Q.C.
 5 Q. So this would be the first time you would have
 6 been involved with nuclei staining.
 7 DR. S. PARAI:
 8 A. Yes.
 9 COFFEY, Q.C.
 10 Q. And at the time that you were sent over those
 11 10 cases - you recall we looked at that
 12 earlier - the letter, the cover letter where
 13 Dr. Khalifa sent you those slides from 10
 14 cases.
 15 DR. S. PARAI:
 16 A. Yes.
 17 COFFEY, Q.C.
 18 Q. At that time and reviewing the literature at
 19 the time, you would have become aware that it
 20 was nuclei staining.
 21 DR. S. PARAI:
 22 A. Yes.
 23 COFFEY, Q.C.
 24 Q. Which is, I take it, different than
 25 cytoplasmic and membrane staining.

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1 DR. S. PARAI:
 2 A. Yes.
 3 COFFEY, Q.C.
 4 Q. Here, Doctor, as well, if we get through the
 5 phase, we go to the--in Paragraph 2 of the
 6 Proposal For Uniform Reporting on Page 3 of
 7 the memo, it reads, "The second component is a
 8 rough estimate of the percentage of immuno
 9 reactive cells in the section examined. This
 10 estimate could be in the form of a range or a
 11 fixed number and is listed in parentheses."
 12 Were there any other stains up to that point
 13 in time as a pathologist that you had been
 14 dealing with that involved such an approach as
 15 involving making an estimate or a rough
 16 estimate of a percentage of staining.
 17 DR. S. PARAI:
 18 A. No, I was not aware.
 19 COFFEY, Q.C.
 20 Q. Okay, this is the first again--your first
 21 exposure to that aspect of ER/PR IHC.
 22 DR. S. PARAI:
 23 A. Yes.
 24 COFFEY, Q.C.
 25 Q. So I asked you earlier, Doctor - and we had

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1 discussed this outside the break, in fact,
 2 momentarily - I asked you earlier this
 3 afternoon if there was anything about ER/PR
 4 IHC, and you had indicated, no, and I take it,
 5 in principle that is still the case. It
 6 involves antigen retrieval.
 7 DR. S. PARAI:
 8 A. Well, I was answering the -
 9 COFFEY, Q.C.
 10 Q. Yes.
 11 DR. S. PARAI:
 12 A. The principle of the test.
 13 COFFEY, Q.C.
 14 Q. Yes.
 15 DR. S. PARAI:
 16 A. Whether it is antigen, antibody, it look like
 17 this one.
 18 COFFEY, Q.C.
 19 Q. Yes.
 20 DR. S. PARAI:
 21 A. But not interpretation.
 22 COFFEY, Q.C.
 23 Q. Yes.
 24 DR. S. PARAI:
 25 A. There is a difference.

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1 COFFEY, Q.C.
 2 Q. yes.
 3 DR. S. PARAI:
 4 A. The difference is the nucleus stain, ER/PR.
 5 COFFEY, Q.C.
 6 Q. Yes.
 7 DR. S. PARAI:
 8 A. In contrast to the other stains, cytoplasmic
 9 or membranous stain.
 10 COFFEY, Q.C.
 11 Q. That's one difference, and this usage of an
 12 estimate, I take it, is that different?
 13 DR. S. PARAI:
 14 A. It is. It is estimate. Other stain we call
 15 positive or negative.
 16 COFFEY, Q.C.
 17 Q. Yes. It's yes or no.
 18 DR. S. PARAI:
 19 A. Yes.
 20 COFFEY, Q.C.
 21 Q. That sort of an approach.
 22 DR. S. PARAI:
 23 A. Yes.
 24 COFFEY, Q.C.
 25 Q. Positive, negative, yes, no, as opposed to

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1 here in ER/PR IHC stains - you actually have
 2 to go further, if there's anything there
 3 that's positive, and then go beyond that, as
 4 Dr. Khalifa points out here, and make it an
 5 estimate of the percentage.
 6 DR. S. PARAI:
 7 A. Yes.
 8 COFFEY, Q.C.
 9 Q. And that's different too, I take it.
 10 DR. S. PARAI:
 11 A. It is.
 12 COFFEY, Q.C.
 13 Q. Doctor, the third paragraph here on this page,
 14 Page 3, refers to his suggestion or proposal--
 15 or suggestion, usage of a comment and, see,
 16 that's--the third component is a comment
 17 regarding only ER, not PR, and this is the
 18 comment that would refer to the 1990 study.
 19 DR. S. PARAI:
 20 A. Yes.
 21 COFFEY, Q.C.
 22 Q. Or paper. What was the approach at the Grace?
 23 Well, first of all, I'll back up a bit. Did
 24 the Grace accept this proposal?
 25 DR. S. PARAI:

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1 A. We did not have any formal meeting at the
 2 Grace Hospital to accept this proposal. It
 3 came as a memo, and they learned from the
 4 pathologists how they used reporting.
 5 COFFEY, Q.C.
 6 Q. Yes.
 7 DR. S. PARAI:
 8 A. These examples.
 9 COFFEY, Q.C.
 10 Q. To your knowledge, did they utilize the
 11 approach that Dr. Khalifa suggested? They
 12 did.
 13 DR. S. PARAI:
 14 A. Yes.
 15 COFFEY, Q.C.
 16 Q. And was the usage of this sort of a comment in
 17 the case where the staining was between one
 18 and thirty? Were those sorts of comments, do
 19 you know, used by the pathologists at the
 20 Grace for any period of time?
 21 DR. S. PARAI:
 22 A. Well there often is discussion of shall we put
 23 this comment along with the report or put
 24 percentage? Now I think it--I can't answer,
 25 because it may vary from pathologist to

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1 pathologist. They may not use this comment.
 2 COFFEY, Q.C.:
 3 Q. On that point, I was going to ask you, was
 4 there any, at that time, in the late 1990s,
 5 while you were site chief, was there any
 6 standardized reporting approach at the Grace
 7 Hospital in pathology?
 8 DR. S. PARAI:
 9 A. No, we did not.
 10 COFFEY, Q.C.:
 11 Q. So each pathologist reported his or her own
 12 cases on the basis of their training and their
 13 understanding from time to time?
 14 DR. S. PARAI:
 15 A. Yes.
 16 COFFEY, Q.C.:
 17 Q. What was your own approach, Doctor, to this?
 18 DR. S. PARAI:
 19 A. I followed this protocol.
 20 COFFEY, Q.C.:
 21 Q. Now Doctor, if we could, while we have this up
 22 here, Doctor, because we referred to it
 23 earlier, page four and five of this particular
 24 exhibit, in fact, four, five and actually six
 25 of this particular exhibit, four is

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1 immunohistochemical staining of steroid
 2 receptors, correlation with biochemistry, and
 3 it's the second page of it, you'll notice that
 4 the ER results, ER/PR results are on one side
 5 and the biochemical assay results are on the
 6 other, left and right-hand sides respectively,
 7 and then there's two tables summarizing the
 8 estrogen receptor, progesterone receptor
 9 results, and the comments section and then two
 10 footnotes. This is, in fact, I gather from
 11 Dr. Khalifa's evidence yesterday, this is this
 12 audit that we saw referred to earlier?
 13 DR. S. PARAI:
 14 A. I would think so.
 15 COFFEY, Q.C.:
 16 Q. And even now looking at it now, you don't
 17 recall ever seeing it?
 18 DR. S. PARAI:
 19 A. I don't recall.
 20 COFFEY, Q.C.:
 21 Q. Doctor, if you could tell us then, how then
 22 did the introduction of this at the Grace go,
 23 ER/PR, IHC?
 24 DR. S. PARAI:
 25 A. You mean what we did after that?

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1 COFFEY, Q.C.:
 2 Q. Well, you know, what you did and how it went,
 3 from your perspective, as a site chief?
 4 DR. S. PARAI:
 5 A. What I recall is that even after his memo that
 6 the individual pathologists will report as of
 7 March 1998, we continued to send block to him
 8 for reporting. I believe he did for a while
 9 and then slowly we started reporting
 10 ourselves.
 11 COFFEY, Q.C.:
 12 Q. So you're telling the Commissioner, even
 13 though it says March 1, 1998, everybody will
 14 report their own, it's your recollection that,
 15 in fact, it wasn't necessarily like March 1 or
 16 March 2nd or 3rd that you or your fellow
 17 pathologists at the Grace actually reported
 18 your own cases? It came in over time.
 19 DR. S. PARAI:
 20 A. Yes.
 21 COFFEY, Q.C.:
 22 Q. Is that what your memory of it is?
 23 DR. S. PARAI:
 24 A. Yeah, that's -
 25 COFFEY, Q.C.:

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1 Q. Initially even, Dr. Khalifa was continuing to
 2 do the reporting himself?
 3 DR. S. PARAI:
 4 A. I believe so.
 5 COFFEY, Q.C.:
 6 Q. Okay, and in terms of when any individual
 7 pathologist started to report their own cases,
 8 you could check that simply by looking at all
 9 the old pathology reports?
 10 DR. S. PARAI:
 11 A. Yes.
 12 COFFEY, Q.C.:
 13 Q. That would be the way, one way to do it?
 14 DR. S. PARAI:
 15 A. Yes.
 16 COFFEY, Q.C.:
 17 Q. Doctor, before we leave this exhibit, under
 18 Phase II, page two, in the middle of the
 19 paragraph, Dr. Khalifa writes, "with each run,
 20 I will still be responsible for reviewing the
 21 positive controls here in our laboratory and
 22 the slides will not be mailed to you unless
 23 adequate staining is noted in the positive
 24 controls." And in fact, I should back up a
 25 bit. The second sentence he had written "this

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1 phase will start March 1/98, at which time
 2 your immuno stained slides will be mailed back
 3 to you with positive controls whenever it is
 4 technically possible," and then he continues,
 5 with each run, he'd be responsible for
 6 ensuring the positive controls worked, and he
 7 wouldn't mail them out unless they did. You
 8 interpreted these positive controls to be
 9 external controls?
 10 DR. S. PARAI:
 11 A. Yes.
 12 COFFEY, Q.C.:
 13 Q. And Doctor, what was your understanding then
 14 in 1998, when this process started, you know,
 15 and the Grace was going to report its own
 16 cases, as to how the external control slides
 17 would be handled? What was your
 18 understanding?
 19 DR. S. PARAI:
 20 A. My understanding was that it will be kept at
 21 the General Hospital site and if we request
 22 them and they may send it to us, but we have
 23 to return after we finish our study.
 24 COFFEY, Q.C.:
 25 Q. And Doctor, did you have the understanding

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1 that you wouldn't get the patient slides in
 2 the first place, the ER/PR slides unless Dr.
 3 Khalifa had looked at the positive--the
 4 external positive controls?
 5 DR. S. PARAI:
 6 A. Yes, that was the understanding, yes.
 7 COFFEY, Q.C.:
 8 Q. That was your understanding?
 9 DR. S. PARAI:
 10 A. Yes.
 11 COFFEY, Q.C.:
 12 Q. You wouldn't even get the patient slides
 13 unless he had looked at the controls and was
 14 satisfied, the external controls?
 15 DR. S. PARAI:
 16 A. That was my understanding.
 17 COFFEY, Q.C.:
 18 Q. And if you wanted to see the external control
 19 yourself, control slides yourself, you'd have
 20 to ask for them?
 21 DR. S. PARAI:
 22 A. Yes.
 23 COFFEY, Q.C.:
 24 Q. What then developed? What was your practice
 25 in that regard?

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1 DR. S. PARAI:
 2 A. I recall initially I used to ask control. As
 3 you know, we had only ten cases we reviewed
 4 among pathologists and that was about a few
 5 months earlier. So initially, I recall we
 6 asked control from time to time. Not only me,
 7 other pathologists, and after sometimes when
 8 we are familiar with the positive or external
 9 control, we were comfortable to report
 10 ourselves.
 11 COFFEY, Q.C.:
 12 Q. Okay, and so as time went on then, for
 13 example, in early 1999, within--after a year
 14 had passed, for example, and you ordered an
 15 ER/PR for a patient, say in the beginning of
 16 1999, I'll just pick that as a time frame, you
 17 would fill out a requisition form?
 18 DR. S. PARAI:
 19 A. Yes.
 20 COFFEY, Q.C.:
 21 Q. And the block would go with the requisition
 22 form over to St. Clare's, I'm sorry, over to
 23 the General Hospital?
 24 DR. S. PARAI:
 25 A. Yes.

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1 COFFEY, Q.C.:
 2 Q. And they would prepare the slides, ER and PR
 3 slides?
 4 DR. S. PARAI:
 5 A. Yes.
 6 COFFEY, Q.C.:
 7 Q. And the slides would come back to you, or
 8 would come to you?
 9 DR. S. PARAI:
 10 A. Yes.
 11 COFFEY, Q.C.:
 12 Q. Would the external control slides, at that
 13 point, be coming to you?
 14 DR. S. PARAI:
 15 A. No.
 16 COFFEY, Q.C.:
 17 Q. And how would you know that they had been--the
 18 external control slide had worked or the ER
 19 control, external control and the PR external
 20 control had worked?
 21 DR. S. PARAI:
 22 A. My understanding was that one of the
 23 pathologists, Dr. Khalifa, was looking at
 24 them.
 25 COFFEY, Q.C.:

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<p>1 Q. And you wouldn't get the patient slides unless 2 the external control slides were okay? 3 DR. S. PARAI: 4 A. That was my understanding. 5 COFFEY, Q.C.: 6 Q. And then as time went on, would you ask to see 7 the external control slides or would you just 8 rely upon the fact that they'd been looked at? 9 DR. S. PARAI: 10 A. As I said, initially, occasionally, I recall I 11 did, but not later on. 12 COFFEY, Q.C.: 13 Q. As time went on, you were satisfied that, 14 based upon your experience then and his 15 assurance that the external controls would be 16 looked at? 17 DR. S. PARAI: 18 A. Yes. 19 COFFEY, Q.C.: 20 Q. You were prepared then to interpret the 21 patient slides? 22 DR. S. PARAI: 23 A. Yes. 24 COFFEY, Q.C.: 25 Q. Did you make any observation about that</p>	<p>1 now--well, in fact, it's more than ten years 2 ago now, looking back on it. Did the 3 transition, or looking back on it now, your 4 memory of it, how did the transition go? Was 5 it, from your perspective, at that time, 6 smooth from the biochemical assay to the ER/PR 7 IHC? 8 DR. S. PARAI: 9 A. Initially, we got some phone call from the 10 oncologist or radiation oncologist that they 11 still wanted biochemical assay. They saw the 12 new IHC. They had little bit of reservation 13 about the tissue. I can't explain why, but 14 they wanted also biochemical assay side by 15 side with the tissue immunohistochemistry. 16 COFFEY, Q.C.: 17 Q. The oncologists did? 18 DR. S. PARAI: 19 A. Yes. 20 COFFEY, Q.C.: 21 Q. So initially, the oncologists, at least that 22 you were dealing with, wanted to see the ER/PR 23 IHC results side by side with the biochemical 24 assay results? They wanted both results? 25 DR. S. PARAI:</p>
<p>Page 282</p> <p>1 practice, how your fellow pathologists at the 2 Grace handled that? Were they doing the same 3 thing you were? 4 DR. S. PARAI: 5 A. They were doing this--well, I can't tell for 6 them, but so far I understand is that they-- 7 that was the understanding. Initially they 8 wanted to see control themselves, which was 9 not--we had to request, so after sometimes, 10 they started reporting themselves. 11 COFFEY, Q.C.: 12 Q. Doctor, if we could look, please, at Exhibit 13 P-1862? Doctor, here again, these are minutes 14 of a site chief divisional managers meeting of 15 March 19th, 1998, and it's noted under 16 business arising that Dr. Khalifa updated the 17 committee--I apologize, I got to go to page 18 two. It's actually page three. These are the 19 minutes. Under business arising, "Dr. Khalifa 20 updated the committee about the current stage 21 of ER/PR reporting by the requesting 22 pathologists. The transition was going 23 smooth. Dr. Cook made very positive remarks 24 about the role played by Dr. Khalifa in this 25 regard." So Doctor, I appreciate that this is</p>	<p>Page 284</p> <p>1 A. I think so, yes. 2 COFFEY, Q.C.: 3 Q. And you've indicated that they didn't explain 4 why, they just wanted to see both? 5 DR. S. PARAI: 6 A. No. 7 COFFEY, Q.C.: 8 Q. What then happened as time went on? 9 DR. S. PARAI: 10 A. Well, then I did not--after sometimes--well, 11 what I say to oncologists that I'll mention 12 these things to Dr. Khalifa, but if you have 13 any concern, you have to talk to the clinical 14 chief of the program. 15 COFFEY, Q.C.: 16 Q. And then what happened? 17 DR. S. PARAI: 18 A. I did not hear anything from this issue any 19 more. 20 COFFEY, Q.C.: 21 Q. And was it your understanding the biochemical 22 assay process ended in 1998? 23 DR. S. PARAI: 24 A. It ended. What time, I don't recall, but that 25 was a time there was a move to stop it, but</p>

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1 when, I can't--I don't know.
 2 COFFEY, Q.C.:
 3 Q. Now Doctor, what then happened then Doctor, as
 4 '98 became 1999, okay, and the Grace is about
 5 to close as we get into 2000, to your
 6 knowledge, were you aware of any problems with
 7 ER/PR IHC process? Were you made aware of any
 8 at the time?
 9 DR. S. PARAI:
 10 A. I was not aware of any problem.
 11 COFFEY, Q.C.:
 12 Q. And at the time, as a practising pathologist,
 13 you would have from time to time reported your
 14 own individual case?
 15 DR. S. PARAI:
 16 A. Yes.
 17 COFFEY, Q.C.:
 18 Q. And were you comfortable at the time in doing
 19 so?
 20 DR. S. PARAI:
 21 A. Yes.
 22 COFFEY, Q.C.:
 23 Q. And no concerns were brought to your attention
 24 at that time about that?
 25 DR. S. PARAI:

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1 A. No.
 2 COFFEY, Q.C.:
 3 Q. Doctor, if we look again at P-1868?
 4 Appreciate, Doctor, we looked at this earlier,
 5 but it was mid January 2000 that you agreed to
 6 accept the appointment as the permanent site
 7 chief at the General Hospital effective, you
 8 thought, May 1st at that time?
 9 DR. S. PARAI:
 10 A. Yes, but that was changed to July.
 11 COFFEY, Q.C.:
 12 Q. Sure, and you've told us about that. What I
 13 wanted to ask you about here is this, there's
 14 a certain amount of lead time here, I take it,
 15 that you understood at the time "in four
 16 months or five or six months, I will be the
 17 site chief at the General. I, Dr. Parai, would
 18 be."
 19 DR. S. PARAI:
 20 A. Yes.
 21 COFFEY, Q.C.:
 22 Q. What did you understand, when you accepted the
 23 position, was going to be your role at the
 24 General as site chief? What was expected of a
 25 site chief at the General Hospital?

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1 DR. S. PARAI:
 2 A. I was expecting a similar job as I was doing
 3 at the Grace Hospital, maybe in a greater role
 4 because more manpower, it's a bigger lab, and
 5 more involved at the General.
 6 COFFEY, Q.C.:
 7 Q. More involved in what sense?
 8 DR. S. PARAI:
 9 A. I had to be more involved at the General
 10 Hospital. It would be, with the merger of the
 11 labs, significant increase of the workload,
 12 manpower, and this kind of -
 13 COFFEY, Q.C.:
 14 Q. Now in terms of the things you would be
 15 responsible for, for example, we've looked at
 16 these various memos and minutes of meetings
 17 involving Dr. Khalifa and in particular, Dr.
 18 Khalifa was involved in IHC. We just looked
 19 at the ER/PR in particular. And did you
 20 understand, at the time, that Dr. Khalifa, as
 21 the site chief, was involved with the IHC end
 22 of the lab at the General Hospital, actively
 23 involved with it?
 24 DR. S. PARAI:
 25 A. That was--from his memo, that appear he was,

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1 but I didn't know what, in practice, I can't
 2 confirm.
 3 COFFEY, Q.C.:
 4 Q. Did you expect that you would then be
 5 involved? I appreciate you weren't replacing
 6 Dr. Khalifa directly. He had been gone for a
 7 while, but you were going to be occupying that
 8 position.
 9 DR. S. PARAI:
 10 A. This was a grey period, more than one year.
 11 Khalifa left in end of June '99.
 12 COFFEY, Q.C.:
 13 Q. Yes.
 14 DR. S. PARAI:
 15 A. Now I'll be going there after a year, in
 16 between there are two other site chiefs, Dr.
 17 Chittal and Dr. Wadden. So I was--I knew
 18 them, so I did not know what kind of role they
 19 had as the acting site chiefs, and what would
 20 be my job description, I was not sure.
 21 COFFEY, Q.C.:
 22 Q. Okay. So you accepted the job without really
 23 knowing necessarily exactly what you were
 24 getting yourself into?
 25 DR. S. PARAI:

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1 A. Well, I knew -
 2 COFFEY, Q.C.:
 3 Q. In the sense of day to day?
 4 DR. S. PARAI:
 5 A. Well, I knew what would be my role there, but
 6 not everything. It was not clear.
 7 COFFEY, Q.C.:
 8 Q. Now Doctor, what did you find then when you
 9 arrived as the site chief?
 10 DR. S. PARAI:
 11 A. The workload increased significantly at the
 12 General Hospital. As I mentioned before that
 13 the 70 percent of the pathology workload moved
 14 to the General Hospital. Before July 2000,
 15 Grace had the largest pathology lab in the
 16 province. We processed 13,000 surgical
 17 specimens and at the General, 10,000. St.
 18 Clare, maybe around 6,000. So the almost
 19 seven to eight thousand specimens of the Grace
 20 Hospital moved to the General Hospital site.
 21 We got the corresponding service also moved to
 22 the General. So workload increased
 23 dramatically within a short period of time.
 24 COFFEY, Q.C.:
 25 Q. To about how many a year? How many surgical

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1 specimens a year, roughly?
 2 DR. S. PARAI:
 3 A. 17 to 18 thousand, from 10,000. There would
 4 be 65 to 70 specimen compared to 45 to 50 a
 5 day. So although pathologists also moved,
 6 technologists also moved, renovation still
 7 going on at the General Hospital, not
 8 completed, pathologist office were not ready.
 9 There was a facility problem for the lab tech
 10 who moved there. So these are the few
 11 facility management issue are there and -
 12 COFFEY, Q.C.:
 13 Q. They were some of the practical problems you
 14 faced initially?
 15 DR. S. PARAI:
 16 A. Yes.
 17 COFFEY, Q.C.:
 18 Q. Doctor, I'll show you another document,
 19 please, Registrar, Exhibit P-1867? Doctor,
 20 this is a document entitled Laboratory
 21 Medicine Program, Health Care Corporation of
 22 St. John's, Quality Initiatives Report. It's
 23 for the period April 1, 1999 to March 31,
 24 2000, okay, which of course, March 31, 2000 is
 25 just several months before you take over as

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1 site chief at the General, okay. This was
 2 submitted by Vern Whelan, who was the program
 3 director of the day, and Dr. Cook, the
 4 clinical chief at the time, the acting
 5 clinical chief. On page three of the exhibit,
 6 under executive summary, there's a report for
 7 that period and executive summary, I just
 8 wanted to ask you about a couple of comments
 9 in it. It notes, in the last paragraph, on
 10 the first page here, "resignations were
 11 received during the year from Dr. -
 12 DR. S. PARAI:
 13 A. Prabhakaran.
 14 COFFEY, Q.C.:
 15 Q. - Prabhakaran and chief of biochemistry, Dr.
 16 Khalifa, the site chief anatomical pathology,
 17 and Dr. McIntosh, the chief of cytology. Dr.
 18 Randell was appointed chief of biochemistry.
 19 Dr. P. Wadden, site chief acting of anatomical
 20 pathology until April 30th. You were
 21 identified here, Dr. Parai is going to be the
 22 permanent site chief for the General Hospital,
 23 effective May 1, 2001, and the chief of
 24 cytology is still vacant. "Division of
 25 anatomical pathology received resignations

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1 from six pathologists, approximately half of
 2 the total pathologists manpower. All
 3 positions have been successfully filled."
 4 THE COMMISSIONER:
 5 Q. One third.
 6 COFFEY, Q.C.:
 7 Q. I apologize, one half, and you're correct,
 8 certainly, Commissioner, one third. Now
 9 Doctor, I take it then by the time you took
 10 over as site chief, according to this anyway,
 11 of a couple of months before this, you took
 12 over as site chief, all the positions were
 13 filled, pathologists positions were filled,
 14 there was still a chief of cytology not in
 15 place, but there were a number of new people,
 16 I take it, in positions?
 17 DR. S. PARAI:
 18 A. Yes.
 19 COFFEY, Q.C.:
 20 Q. So Doctor, I want to ask you to, looking back
 21 on that now, what, if any, effect did that
 22 have at the time, I mean, this change in
 23 personnel? I mean, because it's a significant
 24 change. If a third of your personnel changed,
 25 that's got to be a significant number turning

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1 over in this context. So what, if any, as the
 2 new site chief, with all these new staff -
 3 DR. S. PARAI:
 4 A. Well, it required a lot of work to do. The
 5 new people come in, we needed to orient them
 6 with the new work flow and I was moving to a
 7 new site, also needed to orient and familiar
 8 with these personnel and facilities, but I
 9 knew that place before. I worked at the
 10 General Hospital five years or seven years
 11 ago, so I knew the place. I knew pathologist
 12 staff, technical staff.
 13 COFFEY, Q.C.:
 14 Q. And you would have known the pathologists that
 15 accompanied you from the Grace?
 16 DR. S. PARAI:
 17 A. Yes.
 18 COFFEY, Q.C.:
 19 Q. And the technologists?
 20 DR. S. PARAI:
 21 A. Yes.
 22 COFFEY, Q.C.:
 23 Q. That came over from the Grace. Doctor, when
 24 you arrived then as the site chief and kind of
 25 got settled, as it were, and the immediate

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1 practical problems you've described addressed,
 2 the immunohistochemistry end of the lab at
 3 that time, who from your perspective was
 4 responsible for that at the time?
 5 DR. S. PARAI:
 6 A. I was not aware of any particular person
 7 responsible, but I knew Dr. Chittal had
 8 interest in immunohistochemistry. He was the
 9 founding pathologist of immunohistochemistry
 10 lab early 90s, so he had keen interest. Now
 11 what I understood also that Dr. Wadden was
 12 looking, as acting site chief, she was also
 13 looking at the lab overall, and so I was
 14 assuming that I would be doing the similar
 15 things.
 16 COFFEY, Q.C.:
 17 Q. And did you get involved in that?
 18 DR. S. PARAI:
 19 A. Well, I got involved in all areas of the lab.
 20 COFFEY, Q.C.:
 21 Q. How much involvement did you have in the IHC
 22 aspect of it?
 23 DR. S. PARAI:
 24 A. How much means what percentage of my workload?
 25 COFFEY, Q.C.:

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1 Q. Not so much percentage as the nature of what
 2 you -- and perhaps the percentage of your
 3 workload, and as well the nature of your
 4 involvement?
 5 DR. S. PARAI:
 6 A. I can't say any percentage, but I was - I was
 7 looking after all lab as a whole, and the
 8 amount of time needed for any particular
 9 issue.
 10 COFFEY, Q.C.:
 11 Q. Initially in 2000, were there any problems
 12 brought to your attention in relation to IHC,
 13 any -- and I appreciate there might have been
 14 from time to time a particular -- you ran out
 15 of a particular stain or whatever, but I'm
 16 talking about more general problems or
 17 concerns.
 18 DR. S. PARAI:
 19 A. Well, the IHC lab was -- there were two senior
 20 technologists. They are quite knowledgeable.
 21 I knew them before. When I came back, they
 22 were quite -- not only knowledgeable, quite
 23 good, experienced, and very reliable, and it
 24 was the technical manager or the division
 25 manager was Terry Gulliver. He had been there

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1 a long time, quite capable and experienced
 2 technologists, so it was looked after well, in
 3 my opinion.
 4 COFFEY, Q.C.:
 5 Q. The two technologists would be Peggy Welsh and
 6 Mary Butler?
 7 DR. S. PARAI:
 8 A. Right.
 9 COFFEY, Q.C.:
 10 Q. In terms of from the pathologist end, okay, as
 11 pathologist, was there any particular
 12 pathologist who would be seen as the -- a
 13 phrase we've seen referred to in some of the
 14 documents as a "point person" or the resource
 15 person for immunohistochemistry. In that time
 16 when you came over as site chief, was there
 17 anyone who filled that role?
 18 DR. S. PARAI:
 19 A. There was no official point person or resource
 20 person so for I know of.
 21 COFFEY, Q.C.:
 22 Q. Yes.
 23 DR. S. PARAI:
 24 A. I was not aware.
 25 COFFEY, Q.C.:

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1 Q. And there wasn't -- after you became site
 2 chief at least in the first year or two you
 3 were there, there was no particular person
 4 appointed resource person or a point person
 5 for IHC?
 6 DR. S. PARAI:
 7 A. Right.
 8 COFFEY, Q.C.:
 9 Q. Exhibit P-1874, please -- actually, if we
 10 could, please, I apologize, Commissioner,
 11 Exhibit P-2399. Doctor, this is an agenda,
 12 February 21st, 2001, Division of Anatomical
 13 Pathologist meeting, General Hospital site,
 14 and it's an agenda, and then we look at the
 15 second page of the exhibit, these are the
 16 actual minutes of that meeting. It's minutes
 17 of meeting, February 21st, 2001, and paragraph
 18 4.7 which is on page three of the exhibit,
 19 there are a couple of things here I wanted to
 20 ask you about, Doctor. Paragraph 4.6, first
 21 of all, pathologist assistant or assistants,
 22 Dr. D. Haegert, which would be Dave Haegert,
 23 "Will discuss with Dr. Williams the
 24 possibility of recruiting two pathologist
 25 assistants in the future". So this is back as

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1 far ago as the beginning of 2001, pathology
 2 assistants.
 3 DR. S. PARAI:
 4 A. Yes.
 5 COFFEY, Q.C.:
 6 Q. Who at first raised that, the idea of
 7 utilizing pathologist assistants, do you
 8 recall that?
 9 DR. S. PARAI:
 10 A. Well, I was one of the proponents. Even when
 11 I was at the Grace Hospital, I was trying to
 12 recruit pathologist assistant at the Grace
 13 General Hospital, and there were funding
 14 problem, basically, that the reason I could
 15 not do that. I trained one of the
 16 technologist who did grossing for us for a
 17 short period of time, but he left. There was
 18 another technologist at the Grace Hospital,
 19 well qualified with a Bachelor of Science
 20 degree, and she was interested to do
 21 pathologist assistant job, but we could not do
 22 that because of the funding problem. So these
 23 issues of pathologist assistant dates back to
 24 1998/1997 from Grace Hospital, and when I
 25 moved to the General Hospital site, I

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1 discussed with the pathologists formally and
 2 informally and approached Dr. Haegert that we
 3 require pathologist assistant at the site.
 4 COFFEY, Q.C.:
 5 Q. So was Dr. Haegert, do you recall, was he a
 6 proponent, was he in favour of pathology
 7 assistants?
 8 DR. S. PARAI:
 9 A. I read that statement, yes.
 10 COFFEY, Q.C.:
 11 Q. And how about Dr. Robb, was he -- how did he
 12 feel about it?
 13 DR. S. PARAI:
 14 A. Yes, he was also supportive of pathologist
 15 assistant.
 16 COFFEY, Q.C.:
 17 Q. Now Dr. Cook had been the clinical chief,
 18 acting clinical chief from '99 to 2000, but he
 19 was the site chief at St. Clare's anyway
 20 during your time as site chief at the Grace.
 21 Do you know how Dr. Cook felt or how did he
 22 feel about pathology assistants?
 23 DR. S. PARAI:
 24 A. I do not recall.
 25 COFFEY, Q.C.:

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1 Q. You don't recall that.
 2 DR. S. PARAI:
 3 A. I don't recall.
 4 COFFEY, Q.C.:
 5 Q. Certainly yourself, Dr Haegert, and Dr. Robb
 6 were in favour of it?
 7 DR. S. PARAI:
 8 A. Yes.
 9 COFFEY, Q.C.:
 10 Q. And even after you came on as site chief, you
 11 were in favour of it, said you were, but it
 12 didn't go anywhere, I take it, because there
 13 was no money?
 14 DR. S. PARAI:
 15 A. That's my understanding.
 16 COFFEY, Q.C.:
 17 Q. Here as well, Doctor, paragraph 4.7 says,
 18 "Immunoperoxidase quality control, a survey
 19 has been undergoing for the quality control of
 20 the immunoperoxidase staining". It goes on to
 21 say, "This will also be discussed in the site
 22 chiefs meetings to inform the pathologist at
 23 St. Clare's Hospital. A follow up will be
 24 given later on". Doctor, because, of course,
 25 this particular meeting is of the pathologist

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1 at the General Hospital, and amongst those
 2 listed as present is Dr. Haegert, a number of
 3 others, and yourself. Doctor, do you recall
 4 what that was about? This is February 21st,
 5 2001.

6 DR. S. PARAI:
 7 A. So far I recall is I believe our division
 8 manager, Mr. Gulliver, was circulating a
 9 number of stain slide with control to the
 10 pathologists. It is, in general, all
 11 immunohistochemistry, and wanted to track back
 12 from the pathologist how are the quality of
 13 the stains.

14 COFFEY, Q.C.:
 15 Q. Do you recall whether or not there had been
 16 any other such survey before this of IHC
 17 stains?

18 DR. S. PARAI:
 19 A. I don't recall. I was not aware.

20 COFFEY, Q.C.:
 21 Q. If there was, you weren't aware of it?

22 DR. S. PARAI:
 23 A. No.

24 COFFEY, Q.C.:
 25 Q. And do you know what had occasioned or why

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1 this had come about?

2 DR. S. PARAI:
 3 A. I don't recall was there anything. I don't
 4 recall.

5 COFFEY, Q.C.:
 6 Q. Exhibit P-1874. Now, Doctor, here is the next
 7 day, February 22nd, 2001, and these are the
 8 minutes of meeting of site chiefs and
 9 divisional managers. You're listed here as
 10 the chair. I take it at that time you would
 11 be the chair because it was in your -- the
 12 meeting was probably at the General Hospital.

13 DR. S. PARAI:
 14 A. Yes.

15 COFFEY, Q.C.:
 16 Q. And Dr. Haegert is present, Dr. Cook, Mr.
 17 Gulliver, Mr. Murphy, and here in paragraph
 18 4.2, quality control of immunoperoxidase
 19 staining, "There's been a study going on, the
 20 quality of the immunoperoxidase staining for
 21 both sites. It is agreed the control for
 22 immunoperoxidase staining be run for every
 23 batch. The pathologist will check the control
 24 slide before sending the slide to the other
 25 site. Dr. S. Parai", that will be yourself,

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1 "has agreed to do this. In case he is not
 2 available, another pathologist will be looking
 3 at the control", and then they talk about a
 4 particular substance as being a positive
 5 control or a mesothelioma. Anyway, "it is
 6 agreed that this antibody is needed in our
 7 panel and Mr. Gulliver has agreed to order
 8 antibodies as soon as possible". Now, Doctor,
 9 this having been raised at the General
 10 Hospital meeting and it came up at the site
 11 chief's divisional managers meeting the next
 12 day, what was the outcome of this study, do
 13 you recall?

14 DR. S. PARAI:
 15 A. It was good. We were satisfied with the
 16 immunostains. Many of the pathologists
 17 thought it was good. That was the survey --
 18 outcome of the survey.

19 COFFEY, Q.C.:
 20 Q. Were there any complaints, do you recall?

21 DR. S. PARAI:
 22 A. There was the -- the ER/PR issue was also
 23 raised. I think that's the only thing I could
 24 think of, whether it is working well or not,
 25 but as a whole, it was all right. It was --

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1 everybody -- what we got feedback from the
 2 pathologists at the General Hospital site,
 3 they all were satisfied.

4 COFFEY, Q.C.:
 5 Q. What was the concern about ER and PR?

6 DR. S. PARAI:
 7 A. I don't recall specifically any complaint, but
 8 -- I don't recall.

9 COFFEY, Q.C.:
 10 Q. Now here there is a reference to a pathologist
 11 will check the control slide before sending
 12 the slide to the other site, and you have
 13 agreed, that's Dr. Parai has agreed to do
 14 this, and in case you're not available, of
 15 course, somebody else will have to do it?

16 DR. S. PARAI:
 17 A. That always has been the practice, yes.

18 COFFEY, Q.C.:
 19 Q. Now this is the control slide for which
 20 stains?

21 DR. S. PARAI:
 22 A. For all the stains.

23 COFFEY, Q.C.:
 24 Q. All stains?

25 DR. S. PARAI:

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1 A. Yes.
 2 COFFEY, Q.C.:
 3 Q. And that would be ER and PR and any other type
 4 of stain as well?
 5 DR. S. PARAI:
 6 A. Yes, most of our work was lymphoma sarcoma,
 7 also ER/PR, yes.
 8 COFFEY, Q.C.:
 9 Q. So the external control slides for not only ER
 10 and PR stains were being read by the site
 11 chief, yourself, according to this, this is
 12 the agreement, but --
 13 DR. S. PARAI:
 14 A. There was --
 15 COFFEY, Q.C.:
 16 Q. The other external control slides for other
 17 stains as well?
 18 DR. S. PARAI:
 19 A. Yes.
 20 COFFEY, Q.C.:
 21 Q. And why was this -- why did they have to
 22 discuss this at this point in time? This is
 23 February, 2001. Why was there a discussion
 24 about the control slides, do you recall?
 25 DR. S. PARAI:

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1 A. I don't recall.
 2 COFFEY, Q.C.:
 3 Q. I take it, though, that you do have some
 4 recollection that there was something said or
 5 concerns raised about estrogen and
 6 progesterone stains?
 7 DR. S. PARAI:
 8 A. Yes.
 9 COFFEY, Q.C.:
 10 Q. If we could, please, Exhibit P-1876. Now
 11 here, Doctor, this is the minutes of a meeting
 12 of site chiefs and divisional managers of
 13 April 25th, 2001. Present are Drs. Cook,
 14 Parai, Haegert, and Mr. Gulliver, and Mr.
 15 Murphy. The minutes of the previous meeting
 16 of February 22nd were approved by Dr. S. Parai
 17 and seconded by Mr. Terry Gulliver and then
 18 under business arising, paragraph two,
 19 "Quality control of immunoperoxidase staining.
 20 Generally the immunos appear to be very good.
 21 There appears to be some problems with the
 22 estrogen and progesterone receptors. The
 23 positive controls are checked daily by a
 24 pathologist. However, these need to be
 25 documented. Dr. Parai will follow up on this.

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1 Note is also made of heavy utilization of
 2 immuno services and the high volumes
 3 encountered". Now, Doctor, in relation then
 4 to this -- firstly it says that immunos
 5 generally appear to be very good, some
 6 problems with the estrogen and progesterone
 7 receptors. Now this -- we looked at February.
 8 This is now April. We looked at the minutes
 9 of February 22nd. This is two months later in
 10 April. There had been this survey talked
 11 about in the February meeting, that there was
 12 a survey ongoing. Now in April 25th, I gather
 13 the survey was probably concluded because
 14 there is an assertion here at this site
 15 chief's meeting that the immunos appear to be
 16 very good, is your recollection of it, "but
 17 there appears to be some problems with
 18 estrogen and progesterone receptors". Doctor,
 19 who would have brought the nature of the
 20 problems with estrogen and progesterone
 21 receptors to this committee?
 22 DR. S. PARAI:
 23 A. I don't recall who did.
 24 COFFEY, Q.C.:
 25 Q. So you --

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1 DR. S. PARAI:
 2 A. One of -- either me, Dr. Cook, or Dr. Haegert,
 3 one of us.
 4 COFFEY, Q.C.:
 5 Q. Was this then --
 6 DR. S. PARAI:
 7 A. Or another pathologist. I don't recall who
 8 brought it. I don't think a name was
 9 mentioned. It could be any pathologist at
 10 either site. I don't recall.
 11 COFFEY, Q.C.:
 12 Q. Was this -- in April of 2001, the idea or
 13 understanding that, look, we've done a survey
 14 of immunos, everybody is satisfied with the
 15 immunos generally, but there are concerns
 16 about the ER and PR stains, was that generally
 17 understood amongst the pathologists do you
 18 think at the time? Not only by yourselves,
 19 the three guys who are in charge, Dr. Haegert,
 20 Dr. Cook, and yourself, but the others?
 21 DR. S. PARAI:
 22 A. I can't answer that. I was not -- I can't
 23 answer.
 24 COFFEY, Q.C.:
 25 Q. Yourself, though, you did understand that

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1 there was -- at least some people were
 2 concerned about it?
 3 DR. S. PARAI:
 4 A. Yes, well, the staining, so far I recall,
 5 whether it is weak positive or positive, that
 6 was the thing. Now the intensity of the
 7 staining of the nuclei when we grade it, so
 8 sometimes we thought maybe it is positive,
 9 weak positive, moderate. These are the -- this
 10 is what I recall, but if it was a negative
 11 stain, I think there was no problem to
 12 determine negative.
 13 COFFEY, Q.C.:
 14 Q. Doctor, do you know if any inquiries -- any
 15 further inquiries were made to address this,
 16 what is asserted here to be some problems with
 17 the estrogen and progesterone receptors? Do
 18 you know if any inquiries were made as to,
 19 well, what's this about, what can we do about
 20 it?
 21 DR. S. PARAI:
 22 A. So far I recall, there was not many inquiry
 23 after some time we followed the control, and
 24 satisfied it was working well.
 25 COFFEY, Q.C.:

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1 Q. Doctor, another aspect of this matter, the
 2 reference at the bottom of this page under new
 3 business, terminology of estrogen and
 4 progesterone reports, "Mr. Gulliver will a
 5 canned text for reporting of estrogen and
 6 progesterone receptors. Information for this
 7 will be obtained from Dr. Parai", and
 8 presumably you are the Dr. Parai here. Do you
 9 recall what this was about?
 10 DR. S. PARAI:
 11 A. Yes, this is the memo of Dr. Khalifa. Mr.
 12 Terry Gulliver wanted that memo.
 13 COFFEY, Q.C.:
 14 Q. That's the February 16th, 1998 memo.
 15 DR. S. PARAI:
 16 A. Yes.
 17 COFFEY, Q.C.:
 18 Q. Go ahead.
 19 DR. S. PARAI:
 20 A. So far I recall, I gave it to him.
 21 COFFEY, Q.C.:
 22 Q. What was the purpose or your understanding of
 23 the purpose of Mr. Gulliver developing a
 24 canned text?
 25 DR. S. PARAI:

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1 A. For standardized reporting.
 2 COFFEY, Q.C.:
 3 Q. Was there a concern about a lack of
 4 standardized reporting at that time?
 5 DR. S. PARAI:
 6 A. I don't recall. We are following the memo of
 7 Dr. Khalifa, same protocol. I believe most of
 8 us have.
 9 COFFEY, Q.C.:
 10 Q. Doctor, was there any -- were there any checks
 11 being made or any reviews being done to see
 12 how many of you were following his memo?
 13 DR. S. PARAI:
 14 A. No, I was not aware.
 15 COFFEY, Q.C.:
 16 Q. Was there at the time any discussion about any
 17 problems that a lack of standardization might
 18 cause in the future?
 19 DR. S. PARAI:
 20 A. There was no such discussion. We wanted the
 21 canned text so that it is also easy to report.
 22 What happened before this, we had to dictate
 23 all those paragraphs, one to three, in the
 24 memo. We have to dictate the comment as well.
 25 So there is a lot of secretarial work

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1 involved. With canned text, it is
 2 automatically there, you only put the number
 3 percentage to facilitate some of the
 4 secretarial work.
 5 COFFEY, Q.C.:
 6 Q. Doctor, what do you recall about how far that
 7 effort by Mr. Gulliver got in developing a
 8 canned text?
 9 DR. S. PARAI:
 10 A. So far I recall, it was done later on, but
 11 exact date, I am not -- I don't recall.
 12 COFFEY, Q.C.:
 13 Q. And was it done before 2005, do you think?
 14 DR. S. PARAI:
 15 A. I can't answer.
 16 COFFEY, Q.C.:
 17 Q. You don't know. We'll ask Mr. Gulliver about
 18 that. As well here looking at the minutes of
 19 -- it's the same meeting, Doctor. There's a
 20 reference to updating the immunoperoxidase
 21 form in paragraph 10 on page three of the
 22 memo, and under paragraph 12, again you
 23 referred to this earlier, "Pathologists
 24 offices. Dr. Parai reported that providing
 25 new offices for pathologists at the General

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1 site continues to be a problem. There is no
 2 firm date on completion. Pathologists now
 3 occupying offices at the new Janeway site will
 4 soon have to vacate them. Mr. Gulliver
 5 reported the renovations are currently
 6 underway and hopefully this issue will soon be
 7 addressed", and there's continuing discussion
 8 with facilities management concerning this.
 9 So, Doctor, as of April, 2001, the problems
 10 with office space that you had encountered in
 11 June or July of 2000 still existed, at least
 12 for some of the pathologists?
 13 DR. S. PARAI:
 14 A. Yes.
 15 COFFEY, Q.C.:
 16 Q. Doctor, reference there to -- just go back
 17 before we leave it, under paragraph --
 18 business arising, paragraph two on page one,
 19 "Positive controls are checked daily by a
 20 pathologist". Now at that point, this is
 21 early 2001, what was the practice in terms of
 22 checking positive controls at the General
 23 Hospital site for IHC, how was that being
 24 handled?
 25 DR. S. PARAI:

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1 A. Can I --
 2 COFFEY, Q.C.:
 3 Q. At the General Hospital site by early 2001 --
 4 DR. S. PARAI:
 5 A. Yes.
 6 COFFEY, Q.C.:
 7 Q. What was the practice in terms of pathologists
 8 checking the external positive controls?
 9 DR. S. PARAI:
 10 A. When the immunostain run is done, the control
 11 will be initially checked by the technologist
 12 at the lab, pass the line of control check,
 13 and then would be brought to -- in our
 14 reporting room in a tray slide and put to a
 15 particular box for controls. So the
 16 pathologist, either me or another pathologist
 17 on call in my absence, will go -- usually it
 18 is ready in the afternoon, will check the
 19 control and if they are satisfactory, will
 20 just inform the technologist at the lab that
 21 they're okay. That was the system there.
 22 COFFEY, Q.C.:
 23 Q. And here it goes on to say, "However, these
 24 need to be documented". So at that point if
 25 you checked the controls, for example, for ER

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1 and PR stains, okay, yourself, and it was --
 2 as the site chief, you had seen it as your
 3 responsibility to do, but if you're absent,
 4 somebody else would have to do it in your
 5 absence -- am I correct on that?
 6 DR. S. PARAI:
 7 A. Yes.
 8 COFFEY, Q.C.:
 9 Q. Was this being documented in any way?
 10 DR. S. PARAI:
 11 A. There was no form at the box, but I would go
 12 and say, Mary, that it is okay.
 13 COFFEY, Q.C.:
 14 Q. Do you know if it was being recorded in any
 15 way by Peggy or Mary?
 16 DR. S. PARAI:
 17 A. I think it would be. That was my
 18 understanding.
 19 COFFEY, Q.C.:
 20 Q. Do you know what they recorded it on?
 21 DR. S. PARAI:
 22 A. There will be a -- there will be some form,
 23 requisition form, a particular control, either
 24 lymphoma or sarcoma or ER/PR in this
 25 particular case. They will put some note,

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1 either a tick mark or some "N" word.
 2 COFFEY, Q.C.:
 3 Q. Did you keep any record of the fact that you
 4 had approved of or had found to be --
 5 particular positive controls to be adequate?
 6 Would you keep any record yourself?
 7 DR. S. PARAI:
 8 A. No, that was not the practice.
 9 COFFEY, Q.C.:
 10 Q. After this meeting of April 25th, 2001, do you
 11 know if any efforts were made to document the
 12 fact that the positive controls were okay?
 13 DR. S. PARAI:
 14 A. I don't recall.
 15 COFFEY, Q.C.:
 16 Q. So it does indicate that you were to follow up
 17 on this. Do you know if any such record
 18 exists of the controls being documented that
 19 you're aware of?
 20 DR. S. PARAI:
 21 A. Well, after some time, after we followed up
 22 sometimes and found there was no problem with
 23 the control of ER/PR or other immunostains,
 24 and then every time there was a batch run, I
 25 would call another pathologist to tell or

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1 inform the technologists at the
 2 immunohistochemistry lab and other
 3 pathologists will -- I did not have any
 4 document myself.
 5 COFFEY, Q.C.:
 6 Q. Okay, you didn't keep any documentation. As
 7 far as you knew, the other pathologists didn't
 8 document this?
 9 DR. S. PARAI:
 10 A. I can't answer that. I was not --
 11 COFFEY, Q.C.:
 12 Q. Certainly you didn't do it and you weren't
 13 aware of anybody else doing it?
 14 DR. S. PARAI:
 15 A. It might be somebody may have.
 16 COFFEY, Q.C.:
 17 Q. They may have, but you're not aware of it. If
 18 they did, you're not aware of it?
 19 DR. S. PARAI:
 20 A. Yes.
 21 COFFEY, Q.C.:
 22 Q. Okay. Doctor, at the General, if for some
 23 reason you wanted to see a control slide for a
 24 slide that had been done six months before,
 25 I'll just pick an example, six months before,

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1 at the General Hospital, how would you go
 2 about getting the control slide?
 3 DR. S. PARAI:
 4 A. I will ask the technologist that I want this
 5 control and there is a file system and report
 6 filed for the controls as well as the slides,
 7 and they will bring it to us.
 8 COFFEY, Q.C.:
 9 Q. And I take it, if somebody outside St. John's
 10 who had ER and PR slides sent to them, or in
 11 fact somebody at the General Hospital - I'm
 12 sorry, St. Clare's - wanted to see the
 13 external controls in that sort of a situation,
 14 they'd have to send it to--if you had not
 15 already sent them a copy of the control slides
 16 or their own control slides, you'd have to dig
 17 them out and have them sent out.
 18 DR. S. PARAI:
 19 A. Yes.
 20 COFFEY, Q.C.:
 21 Q. Now, Doctor, in terms of ER and PR external
 22 control slides, when you examined them, what
 23 were you looking for?
 24 DR. S. PARAI:
 25 A. Nucleus, positive nucleus stain. It is a

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1 brown stain, diffused and granular, brown-
 2 black stain. Sometimes you also call grease
 3 stain. So it would be in the nuclei,
 4 particular anatomical location of the cell.
 5 COFFEY, Q.C.:
 6 Q. Doctor, if I could, please, while we're in
 7 that timeframe, Exhibit P-2400. Doctor, these
 8 are Laboratory Management Committee minutes of
 9 February 28, 2001. There are a number of
 10 people present. There are your regrets from
 11 yourself at this particular meeting but, I
 12 take it, that you would get the minutes of the
 13 meeting at the next meeting. They would be
 14 distributed.
 15 DR. S. PARAI:
 16 A. I would think so, yes.
 17 COFFEY, Q.C.:
 18 Q. Just a particular thing in this meeting,
 19 doctor, there's a reference here to business
 20 arising, proficiency programs, Atlantic
 21 Canada, awaiting Dr. Whiffen. So I take it,
 22 that there was at that point - and this is
 23 early '01, 2001 - there were inquiries being
 24 made about proficiency programs at the time.
 25 DR. S. PARAI:

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1 A. Yes.
 2 COFFEY, Q.C.:
 3 Q. As well here, Doctor, there's QI activities,
 4 "Latest external CAP," C-A-P, "proficiency
 5 reports presented. Excellent reports for all
 6 divisions and latest immunology t-cells sub-
 7 set reports excellent." To recall what these -
 8 these are College of American Pathologists
 9 proficiency reports?
 10 DR. S. PARAI:
 11 A. Yes.
 12 COFFEY, Q.C.:
 13 Q. Was your anatomical pathology division
 14 participating in that? This is as of -
 15 DR. S. PARAI:
 16 A. This is a clinical lab here. It is talking
 17 about hematology. They are -
 18 COFFEY, Q.C.:
 19 Q. Yes, it's - I'm sorry, go ahead.
 20 DR. S. PARAI:
 21 A. Yeah, the proficiency test of the hematology
 22 is completely different, in my understanding,
 23 than anatomical pathology.
 24 COFFEY, Q.C.:
 25 Q. Okay, so this was hematology.

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1 DR. S. PARAI:
 2 A. Hemotology.
 3 COFFEY, Q.C.
 4 Q. Okay.
 5 DR. S. PARAI:
 6 A. However, (unintelligible) portion we had
 7 College of American Pathologists, it's called
 8 a PIP, Performance Improvement Program,
 9 subscribed and also American Society of
 10 Clinical Pathologists, samples subscribed.
 11 COFFEY, Q.C.
 12 Q. Did any of those processes at the time involve
 13 or necessarily involve any consideration or
 14 analysis of IHC staining?
 15 DR. S. PARAI:
 16 A. Some of the cases would be IHC stain, yes.
 17 COFFEY, Q.C.
 18 Q. IHC stains.
 19 DR. S. PARAI:
 20 A. Yes.
 21 COFFEY, Q.C.
 22 Q. Would they necessarily involve ER and PR
 23 stains?
 24 DR. S. PARAI:
 25 A. I don't recall.

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1 COFFEY, Q.C.
 2 Q. I take it, it might vary from year to year.
 3 DR. S. PARAI:
 4 A. It does.
 5 COFFEY, Q.C.
 6 Q. So some years you might be looked at in terms
 7 of your ER and PR stains and your analysis of
 8 them, but other years--and in any particular
 9 year you might be by the CAP process.
 10 DR. S. PARAI:
 11 A. Well, I can't confirm what year it was so -
 12 COFFEY, Q.C.
 13 Q. Yes. Some years though, you might. Some
 14 years you might not.
 15 DR. S. PARAI:
 16 A. Or it may not, whenever it was, discussed,
 17 yeah.
 18 COFFEY, Q.C.
 19 Q. Okay.
 20 DR. S. PARAI:
 21 A. Right.
 22 COFFEY, Q.C.
 23 Q. Exhibit P-1877, please. And, Doctor, these
 24 are minutes of a meeting of site chiefs and
 25 divisional managers, June 26, 2000, but this

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1 is the agenda for June 26, 2001. Just look at
 2 the minutes there - June 26, 2001. Present
 3 are yourself, Dr. Cook and Dr. Haegert, and
 4 here, Doctor, under Paragraph 3.2, "Business
 5 Arising," refer to an expression "ER and PR
 6 control," and it reads, "The controls for all
 7 these immunostaining are checked by the site
 8 chief or by on-call pathologists when site
 9 chief is not available. So do you recall why
 10 it was that this would have come up again in
 11 June?
 12 DR. S. PARAI:
 13 A. This is the follow-up of the previous meeting.
 14 As you recall, in the previous meeting there
 15 are something discussed to follow up. So I
 16 was giving a follow-up that this is checked
 17 and we did not see any problem.
 18 COFFEY, Q.C.
 19 Q. Doctor, here as well under "New Business,"
 20 Paragraph 4, "Quality Assurance for Anatomical
 21 Pathology, Pathologist Review. This meeting
 22 is dedicated for the above items and the
 23 following points are discussed," and there are
 24 a number of points. A system review - it
 25 says, "This system review is not in place and

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1 will be discussed in the next meeting for
 2 possible implementation. A pathology report
 3 review by system by a committee." So, I take
 4 it, there was no such system review in place
 5 at that time.
 6 DR. S. PARAI:
 7 A. System review means any organ system like a
 8 breast cancer or colon cancer or lymphoma, the
 9 body organ system, at that time we are--this
 10 is the time we are developing a quality
 11 assurance program. I recall as soon as I came
 12 into General Hospital, there was no definite--
 13 well there was fragmented--we are doing
 14 quality assurance side by side, in the
 15 meantime, we are trying to develop a program
 16 suitable for our organization for corporate-
 17 wide policy.
 18 COFFEY, Q.C.:
 19 Q. And this is part of the process of trying to
 20 develop that?
 21 DR. S. PARAI:
 22 A. Yes. At this point, this is June 2001, there
 23 was a draft program was already being
 24 developed, it was not me along with other site
 25 chief and the manager and this particular

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1 meeting we are reviewing those draft, how far
 2 we are doing and how far we have to go and
 3 what we are lacking, so as I say, you see that
 4 it was exclusively dedicated to review the
 5 process.
 6 COFFEY, Q.C.:
 7 Q. This particular meeting itself?
 8 DR. S. PARAI:
 9 A. Yes.
 10 COFFEY, Q.C.:
 11 Q. To see where you were at that point in time?
 12 DR. S. PARAI:
 13 A. Yes.
 14 COFFEY, Q.C.:
 15 Q. Now, Doctor, did the effort continue
 16 afterward?
 17 DR. S. PARAI:
 18 A. It did.
 19 COFFEY, Q.C.:
 20 Q. I take it that in once sense it's continued to
 21 this day?
 22 DR. S. PARAI:
 23 A. Well I can't answer that.
 24 COFFEY, Q.C.:
 25 Q. But in terms of while you were site chief,

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1 I'll ask you that.
 2 DR. S. PARAI:
 3 A. Yes, it did.
 4 COFFEY, Q.C.:
 5 Q. It continued while you were site chief.
 6 DR. S. PARAI:
 7 A. Yes.
 8 COFFEY, Q.C.:
 9 Q. Doctor, what were the challenges in pursuing
 10 this, if any? What were the challenges you
 11 faced at the time in terms of resources -
 12 DR. S. PARAI:
 13 A. We, I can give you follow up now on what
 14 happened at the end, we developed at least
 15 four, five version, I have not same version,
 16 the first version we did at every six months,
 17 three months and so, and there was another
 18 program we are just editing and circulating to
 19 pathologists, so it went many months, few
 20 years and continue to be revised.
 21 COFFEY, Q.C.:
 22 Q. And why did it take, I take it by the time you
 23 ended your term as site chief, it still wasn't
 24 finalized, am I correct on that?
 25 DR. S. PARAI:

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1 A. You are correct. What happened is that we
 2 have all this program are circulated to the
 3 pathologists on both sides and managers, so we
 4 got a lot of feedback, we have to accommodate
 5 all the opinions, some of them we could not,
 6 some of them we did. So this process
 7 continued. In the meantime, we are not
 8 sitting idle, we have not forgotten that we
 9 have a responsibility for the quality
 10 assurance that was going on and that was the
 11 rough guideline, unofficial guideline. If you
 12 can see from this minute that we are doing
 13 quality assurance program as part of this
 14 guideline, although it was in a draft form.
 15 COFFEY, Q.C.:
 16 Q. And it being in a draft form, was it actually
 17 being followed? Was any particular draft of
 18 this being followed from time to time?
 19 DR. S. PARAI:
 20 A. Yeah, initially we started with College of
 21 American Pathologist guideline and this
 22 program was big, very big program, it involved
 23 lot of resources, lot of manpower and funding
 24 to implement. Then we devised, I thought -
 25 COFFEY, Q.C.:

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1 Q. So were you able to utilize that?
 2 DR. S. PARAI:
 3 A. At that point we are not, so Dr. Haegert has a
 4 lot of input -
 5 COFFEY, Q.C.:
 6 Q. That's what I was going to ask you, why
 7 weren't you able to at that time?
 8 DR. S. PARAI:
 9 A. Unfortunately I don't have that draft copy
 10 with me now and it is lot of involvement, it
 11 is a big program and require a lot of resource
 12 funding.
 13 COFFEY, Q.C.:
 14 Q. It required a lot of resource funding?
 15 DR. S. PARAI:
 16 A. Yes.
 17 COFFEY, Q.C.:
 18 Q. That you didn't have at the time?
 19 DR. S. PARAI:
 20 A. No. We discussed many meetings, we thought
 21 let's try to edit some of this stain, what is
 22 suitable in our--for our organization without
 23 compromising quality of our service, that was
 24 our goal.
 25 COFFEY, Q.C.:

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1 Q. And so, this process continued during your
 2 time as the site chief at the General.
 3 DR. S. PARAI:
 4 A. Yes.
 5 COFFEY, Q.C.:
 6 Q. Did it ever get finalized?
 7 DR. S. PARAI:
 8 A. Well I can't answer there, what happened, we
 9 have a version completed end of 2004 and
 10 around that time, Dr. Carter became the
 11 chairman of the quality assurance program, so
 12 I handed over to her to follow up on that.
 13 COFFEY, Q.C.:
 14 Q. Okay, and I'll be coming back to that later on
 15 because there are references in the documents
 16 to that, Dr. Carter's involvement in '04, but
 17 what I'm getting at here is what was passed--
 18 what she got involved in in 2004, had started
 19 at least in 2001 and even before that time,
 20 QA.
 21 DR. S. PARAI:
 22 A. Yes.
 23 COFFEY, Q.C.:
 24 Q. And you were making the efforts as you could.
 25 DR. S. PARAI:

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1 A. That is correct.
 2 COFFEY, Q.C.:
 3 Q. Doctor, here, just looking at this, canned
 4 text, paragraph 4.4, "there's partial
 5 implementation of canned text at the General
 6 Hospital site for ER/PR and HER2/neu
 7 expression. It is important to use standard
 8 specimen, grossing and reporting." Do you
 9 recall--well, first of all, do you recall why
 10 there was only partial implementation?
 11 DR. S. PARAI:
 12 A. I don't recall what was all about here, but
 13 partially it mean that they believe some, I
 14 think some of the pathologists are not using
 15 the full canned text, like what are you think,
 16 maybe comment, that's all I can think of.
 17 COFFEY, Q.C.:
 18 Q. Did you have any understanding about whether
 19 or not canned text such as it was being used
 20 at the General, I take it it was not being
 21 used at the St. Clare's?
 22 DR. S. PARAI:
 23 A. I can't answer that.
 24 COFFEY, Q.C.:
 25 Q. You can't answer it. Although it did come up

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1 at the site chief's meeting, so Dr. Cook would
 2 have been there at this meeting.
 3 DR. S. PARAI:
 4 A. Yes.
 5 COFFEY, Q.C.:
 6 Q. And this reference is only to the General
 7 Hospital site?
 8 DR. S. PARAI:
 9 A. No, I would say it is a site chief meeting, is
 10 it not?
 11 COFFEY, Q.C.:
 12 Q. Yes, so Dr. Cook would be there, but this
 13 particular reference here in the minutes is
 14 only to the General Hospital, do you see that?
 15 DR. S. PARAI:
 16 A. Yes.
 17 COFFEY, Q.C.:
 18 Q. At the General Hospital site.
 19 DR. S. PARAI:
 20 A. Yes.
 21 COFFEY, Q.C.:
 22 Q. It also goes on to say, "It is important to
 23 use standard specimen grossing and reporting."
 24 Now what does that sentence relate to?
 25 DR. S. PARAI:

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1 A. Well I think it is quoting a different, what
 2 should have been a different paragraph. We
 3 discussed the surgical specimen, grossing,
 4 reviewing, examination and reporting and
 5 that's what it says.
 6 COFFEY, Q.C.:
 7 Q. And why was it, and I appreciate it shouldn't
 8 have come under the heading "canned text", it
 9 should have had its own heading.
 10 DR. S. PARAI:
 11 A. Yes.
 12 COFFEY, Q.C.:
 13 Q. But why was it thought to be important to use
 14 standard specimen grossing and reporting?
 15 DR. S. PARAI:
 16 A. So far I recall, I think this discussion was
 17 in reference to context of the breast, breast
 18 cancer, breast tumour, I think that's what I
 19 recall, that's why I put together so that it
 20 makes sense.
 21 COFFEY, Q.C.:
 22 Q. And it was in relation to that that the
 23 reference to it being important to use
 24 standard specimen grossing and reporting in
 25 relation to breast cancer, but why was that

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1 thought to be important as of June, 2001?

2 DR. S. PARAI:

3 A. The new standardized grossing and reporting

4 system was coming, all over the country in the

5 major centre mainly, so we thought we should

6 follow the standard guidelines as it was used

7 by the other major centre.

8 COFFEY, Q.C.:

9 Q. And were these standard guidelines, were these

10 circulated at the General Hospital, do you

11 know?

12 DR. S. PARAI:

13 A. I don't recall.

14 COFFEY, Q.C.:

15 Q. Here as well, under paragraph 6, there's a

16 reference to performance improvement program,

17 institutional case review A) American College

18 of Pathologists material will be used as well

19 as American Society of Clinical Pathologists

20 check sample review. Now had they been used

21 before this point, do you recall?

22 DR. S. PARAI:

23 A. It was used, American Society of Clinical

24 Pathologists check sample was reviewed by our

25 group.

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1 COFFEY, Q.C.:

2 Q. Was that being used before June of '01?

3 DR. S. PARAI:

4 A. Yes, yes, but the American College of

5 Pathologist performance improvement program,

6 we subscribe from 2001.

7 COFFEY, Q.C.:

8 Q. Okay, so that was the time it was implemented?

9 DR. S. PARAI:

10 A. Yes.

11 COFFEY, Q.C.:

12 Q. Here as well, Doctor, while we're on the

13 topic, paragraph 4.7, quality control rounds.

14 They're described as interdepartmental rounds,

15 intradepartmental round, interhospital rounds,

16 intradepartmental consultation and external

17 consultation. Now the first two are described

18 as being presently in place at both sites, in

19 the first instance, and "this has been in

20 place at both sites," right here in paragraphs

21 A and B?

22 DR. S. PARAI:

23 A. Yes.

24 COFFEY, Q.C.:

25 Q. I take it this was just a summary then of the

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1 current state of affairs?

2 DR. S. PARAI:

3 A. Yes.

4 COFFEY, Q.C.:

5 Q. These reference in paragraph C to

6 interhospital rounds -

7 DR. S. PARAI:

8 A. Yeah, these are the -

9 COFFEY, Q.C.:

10 Q. Go ahead, Doctor.

11 DR. S. PARAI:

12 A. These are the round organized one month by the

13 St. Clare, the other month by the General

14 Hospital alternatively, where we discuss a

15 number of difficult interesting and complex

16 cases. The slide would be previously

17 circulated among the pathologists and resident

18 at both sites and in a particular, usually

19 Friday morning, these meeting will hold one or

20 the other site and those cases will be

21 discussed in depth with new information.

22 COFFEY, Q.C.:

23 Q. Here, Doctor, under paragraph D,

24 "intradepartmental consultation, this has been

25 going on at both the sites. However, St.

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1 Clare's Hospital has proper documentation of

2 consultation. At the General Hospital site,

3 documentation is not done all the time." What

4 does that relate to?

5 DR. S. PARAI:

6 A. This is the consultation would be given one

7 pathologist to another to have a second

8 opinion about some interesting difficult

9 cases, and there are the standard form that

10 once you submit this case to another

11 pathologist should be filled properly and

12 documented and the review diagnosis of the

13 second pathologist will be documented and

14 saved.

15 COFFEY, Q.C.:

16 Q. And was that done then?

17 DR. S. PARAI:

18 A. As I say, at that time, some pathologists did.

19 Some of our documents are there, but other

20 pathologists would not document, just ask

21 verbal opinion.

22 COFFEY, Q.C.:

23 Q. Did that change at the General, is what I'm

24 asking you?

25 DR. S. PARAI:

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1 A. It changed at some point, slowly, but the
 2 process was going on regularly.
 3 COFFEY, Q.C.:
 4 Q. Exhibit P-1890? Here, Doctor, these are the
 5 Laboratory Management Committee minutes of
 6 March 13th, 2003. Present are a number of--
 7 actually, Dr. Cook and Dr. Whitman and Dr.
 8 Randell and Robb and Dr. Hutchinson and a
 9 number of other individuals, regrets from
 10 yourself and two others, but I take it you
 11 would have eventually received these minutes.
 12 In particular, I wanted to ask you about one
 13 thing on page two. Under paragraph three, new
 14 business, quality assurance. "Dr. Hutchinson
 15 discussed quality assurance for the laboratory
 16 program. He indicated that in Ontario, there
 17 is an interprovincial working group for
 18 microbiology. Dr. Hutchinson has concerns
 19 that if our program were required to be
 20 licensed through accreditation, such as the
 21 Ontario QMPLS program, that we may not be
 22 successful. Terry indicated that today there
 23 is no legislation requiring laboratories in
 24 Newfoundland to be accredited and/or licensed
 25 through such a program. General discussion

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1 took place in regards to an overall laboratory
 2 quality assurance program. It was suggested
 3 that this should be a goal for the next
 4 several years and the laboratory program
 5 should have a quality officer," okay?
 6 DR. S. PARAI:
 7 A. Yes.
 8 COFFEY, Q.C.:
 9 Q. So, and of course, we've moved ahead now.
 10 Before we've been looking at--the last minutes
 11 we looked at were 2001, June 2001. This is
 12 now March 2003. Doctor, I take it then that
 13 this effort to establish laboratory quality
 14 assurance program, as of March 2003, was still
 15 thought to be perhaps lacking, according to
 16 this, in the sense of it hadn't gone far
 17 enough?
 18 DR. S. PARAI:
 19 A. What I can speak for our side of the
 20 anatomical pathology division, we are not
 21 lagging behind. We are going along with the
 22 par with the other labs in the country. I was
 23 familiar what was going on in Ontario, in
 24 Alberta, or Nova Scotia. We are at par.
 25 COFFEY, Q.C.:

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1 Q. And you're saying if Dr. Hutchinson had a
 2 concern about microbiology, then that didn't
 3 involve you?
 4 DR. S. PARAI:
 5 A. No.
 6 COFFEY, Q.C.:
 7 Q. From your perspective, in terms of anatomical
 8 pathology and surgical pathology, you felt
 9 that you were keeping up with what was going
 10 on elsewhere in the country?
 11 DR. S. PARAI:
 12 A. I would say we are ahead of many other
 13 hospital or corporation in anatomical
 14 division.
 15 COFFEY, Q.C.:
 16 Q. Did you ever make any inquiries of QMPLS, the
 17 program, in 2003, for example, here?
 18 DR. S. PARAI:
 19 A. No. No, I did not.
 20 COFFEY, Q.C.:
 21 Q. As to what they might--their standards might
 22 be for surgical and anatomical pathology?
 23 DR. S. PARAI:
 24 A. I knew they had a program, but I did not
 25 inquire. This inquiry from another

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1 pathologist friend in Ontario.
 2 COFFEY, Q.C.:
 3 Q. I'm sorry?
 4 DR. S. PARAI:
 5 A. I inquired from a pathologist friend, but not
 6 the officials of this program.
 7 COFFEY, Q.C.:
 8 Q. Is there any reason why you didn't make any
 9 inquiries of QMPLS?
 10 DR. S. PARAI:
 11 A. My understanding, there was no surgical
 12 pathology program at that time. That was my
 13 understanding.
 14 COFFEY, Q.C.:
 15 Q. Was there any surgical pathology program at
 16 that time available anywhere in the country?
 17 DR. S. PARAI:
 18 A. I could not answer.
 19 COFFEY, Q.C.:
 20 Q. Was there any that you were aware of?
 21 DR. S. PARAI:
 22 A. I was not aware of that.
 23 COFFEY, Q.C.:
 24 Q. Okay, and you were making inquiries?
 25 DR. S. PARAI:

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1 A. Yes.
 2 COFFEY, Q.C.:
 3 Q. Doctor, here, the reference to "the laboratory
 4 program should have a quality officer," see
 5 that?
 6 DR. S. PARAI:
 7 A. Yes.
 8 COFFEY, Q.C.:
 9 Q. What, if anything, was then done about that?
 10 DR. S. PARAI:
 11 A. I don't know anything. I don't know. I can't
 12 answer that.
 13 COFFEY, Q.C.:
 14 Q. Okay.
 15 DR. S. PARAI:
 16 A. We wanted a quality control manager for the
 17 pathology lab because that's one of the
 18 resources we require to adapt our program, but
 19 not successful, was not successful to get a
 20 quality control manager.
 21 COFFEY, Q.C.:
 22 Q. And when was it you first went looking for
 23 one?
 24 DR. S. PARAI:
 25 A. 2001.

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1 COFFEY, Q.C.:
 2 Q. Okay, back in 2001?
 3 DR. S. PARAI:
 4 A. Yes.
 5 COFFEY, Q.C.:
 6 Q. Back with those minutes, around that time we
 7 just looked at, in June of 2001?
 8 DR. S. PARAI:
 9 A. Yes.
 10 COFFEY, Q.C.:
 11 Q. And the reason you were given for not
 12 providing one was what?
 13 DR. S. PARAI:
 14 A. I would say funding.
 15 COFFEY, Q.C.:
 16 Q. Whose decision would that have been, from your
 17 perspective? How far up would that have -
 18 DR. S. PARAI:
 19 A. I can't answer that question. I would
 20 approach to the clinical chief.
 21 COFFEY, Q.C.:
 22 Q. Did he--by 2003, that would have been Don
 23 Cook. Did he support the request?
 24 DR. S. PARAI:
 25 A. I can't answer that.

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1 COFFEY, Q.C.:
 2 Q. Okay. So you requested it of Dr. Cook?
 3 DR. S. PARAI:
 4 A. Well, request, not in writing, but always
 5 discussion came of the quality control issue.
 6 He knew that one of the recommendations, who
 7 is going to do that, is quality control
 8 manager.
 9 COFFEY, Q.C.:
 10 Q. Okay.
 11 THE COMMISSIONER:
 12 Q. Mr. Coffey, we'll take the break whenever you
 13 find a spot.
 14 COFFEY, Q.C.:
 15 Q. Okay. If I could, Commissioner, if I could
 16 just--perhaps this would be a good time to
 17 break, Commissioner, because I'm going to go
 18 on to a particular document and it's got a
 19 number of pages in it. So we'll meet again -
 20 THE COMMISSIONER:
 21 Q. Monday morning.
 22 COFFEY, Q.C.:
 23 Q. Monday morning, we'll be continuing with Dr.
 24 Parai and then continuing on when he finishes
 25 with Dr. Carter. I've discussed that with Mr.

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1 Browne already.
 2 THE COMMISSIONER:
 3 Q. All right. Thank you very much. We'll meet
 4 then at 9:30 on Monday morning.
 5 Administration has asked me to let you know
 6 that they have an envelope for you before you
 7 leave. Thank you.

CERTIFICATE

1
2 I, Judy Moss, hereby certify that the foregoing is
3 a true and correct transcript in the matter of the
4 Commission of Inquiry on Hormone Receptor Testing,
5 heard on the 25th day of July, A.D., 2008 before
6 the Honourable Justice Margaret A. Cameron,
7 Commissioner, at the Commission of Inquiry, St.
8 John's, Newfoundland and Labrador and was
9 transcribed by me to the best of my ability by
10 means of a sound apparatus.
11 Dated at St. John's, Newfoundland and Labrador
12 this 25th day of July, A.D., 2008
13 Judy Moss

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