

RUN DATE: 11/01/06  
RUN TIME: 0952  
RUN USER: THOJU

LABORATORY NPR - HCC \*\*LIVE\*\*  
ST. CLARES PROOF REPORT (RELATED FINDINGS)

PAGE 1

SPEC#: 05:SS004139 ASSN TO: COOK, DONALD M. DR.

Batch #996034

ST. CLARE'S MERCY HOSPITAL  
154 LEMARCHANT ROAD  
ST. JOHN'S, NEWFOUNDLAND  
CANADA  
A1C 5B8

name: [redacted] Age/Sex: [redacted]/F Attend Dr: [redacted]  
Acct#: [redacted] Unit#: [redacted] Status: REG SDC Location: SPO SDA  
Reg: 25/05/05 Disch: [redacted] MCP #: [redacted]

Spec #: 05:SS4139 Received: 25/05/05-1431 Status: SOUT Req#: 06229662  
Spec Type: SURGICAL Subm Dr: [redacted]

**ADDENDUM**

Addendum #2 Entered: 24/11/05-1019

CONSULTATION TO MOUNT SINAI HOSPITAL FOR IMMUNOHISTOCHEMICAL STUDIES (BL. 3B) SHOWS:  
ESTROGEN RECEPTOR PROTEIN IS POSITIVE IN 2% OF CELLS USING THE ANTIBODY 6F11 AND THE LSAB PROCEDURE.  
PROGESTERONE RECEPTOR PROTEIN IS POSITIVE IN 0% OF CELLS USING THE ANTIBODY PgR1294 AND THE LSAB PROCEDURE.  
HER-2-NEU PROTEIN IS POSITIVE IN 0% OF CELLS USING THE ANTIBODY AO485 UNDER THE LSAB PROCEDURE AND IS POSITIVE IN 0% OF CELLS USING THE ANTIBODY TAB250/CB11 COCKTAIL UNDER THE LSAB PROCEDURE.  
PLEASE SEE THE CONSULTATIVE REPORT.

Addendum Signed Signature on file CARTER, BEVERLEY DR. 24/11/05

Addendum #1 Entered: 08/06/05-1035

*Ventana Benchmark*

ESTROGEN AND PROGESTERONE RECEPTORS:  
ESTROGEN RECEPTORS: - NEGATIVE  
PROGESTERONE RECEPTORS: - NEGATIVE  
INTERNAL POSITIVE CONTROLS VERIFIED.

Addendum Signed Signature on file COOK, DONALD M. DR. 08/06/05

*Weak conversion or weak false negative for Ventana  
- No clinical significance, as MSH < 2% for L-R.*

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ST. CLARES PROOF REPORT (RELATED FINDINGS)

PAGE 2

SPEC#: 05:SS004139 ASSN TO: COOK, DONALD M. DR.

Batch #996034

Patient: [REDACTED] (Continued)

**\*PATHOLOGICAL INTERPRETATION\***

- 1. #1 SENTINEL LYMPH NODE, RIGHT - REACTIVE HYPERPLASIA, NO EVIDENCE OF MALIGNANCY.
- 2. #2 SENTINEL LYMPH NODE, RIGHT - REACTIVE HYPERPLASIA, NO EVIDENCE OF MALIGNANCY.
- 3. RIGHT BREAST, MASTECTOMY - INFILTRATING DUCTAL CARCINOMA, POORLY DIFFERENTIATED, (2.5 CM GREATEST DIMENSION)
- 4. RIGHT LATERAL AXILLARY NODES - NO METASTATIC CARCINOMA SEEN IN THE TWO NODES SUBMITTED.

**TUMOUR SUMMARY:**

BREAST: - RIGHT  
 SPECIMEN: - MASTECTOMY  
 TUMOR: - INFILTRATING DUCTAL CARCINOMA  
 LOCATION: - RIGHT LOWER OUTER QUADRANT  
 SCORE: - 9  
 GRADE: - POORLY DIFFERENTIATED (G3)  
 EXTENT: - TUMOUR 2.0 - 5.0 CM IN GREATEST DIMENSION (pT2).  
 TOTAL NUMBER OF LYMPH NODES: - 4, INCLUDING SENTINEL NODES  
 LYMPH NODES: - NO REGIONAL LYMPH NODE METASTASIS (pN0)  
 TUMOR SIZE: - 2.5 X 2 X 2 CMS  
 PERCENTAGE OF IN-SITU CARCINOMA: - NIL  
 PERINEURAL INVASION: - NEGATIVE  
 LYMPHATIC/VASCULAR INVASION: - EQUIVOCAL  
 LOBULAR CANCERIZATION: - NEGATIVE  
 MARGINS: - FREE  
 NIPPLE: - NEGATIVE  
 pTNM: - pT2 N0 MX

A PARAFFIN BLOCK HAS BEEN SUBMITTED FOR ER AND PR. AN ADDENDUM REPORT WILL BE ISSUED ONCE THESE RECEPTORS ARE RECEIVED.

**SPECIMEN COMMENTS:**

RECD BLOCK 3B 271005 (KV) FOR ,MSM  
 \*\*\*\*\*  
 Block(s) sent to Mount Sinai for ER/PR retesting in ,  
 2005.BLOCK 3B OCT./05  
 \*\*\*\*\*  
 BLOCK 3B REC'D FROM MT SINAI - DEC 2005  
 \*\*\*\*\*  
 - SPOKE TO NANCY GOOD, MT. SINAI, NOV. 4/05 & REQUESTED  
 HER-2-NEU ON THE ABOVE BLOCK 3B.  
 (AS REQUESTED BY DR. AHMAD, CANCER CLINIC) - JT

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PAGE 3

SPEC#: 05:SS004139 ASSN TO: COOK, DONALD M. DR.

Batch #996034

Patient: [REDACTED] (Continued)

### CLINICAL HISTORY

LARGE CA RIGHT BREAST  
 SLN NEGATIVE BUT OTHER FIRM NON-SENTINEL NODES PALPABLE AND REMOVED.

### FROZEN SECTION REPORT:

FROZEN SECTION DC

SPECIMEN FROM: RIGTH BREAST - 1. SENTINEL NODE.  
 2. SENTINEL NODE.

GROSS DESCRIPTION: 1. 2.5 X 2.2 X 1.0 CM. NODE SURROUNDED BY FATTY TISUE AND STAINED WITH BLUISH DYE.

INTRAOPERATIVE REPORT: 1 AND 2 SENTINEL NODES - NEGATIVE FOR CA.

### GROSS:

1. THE SPECIMEN IS LABELLED AS "SENTINEL NODE #1, RIGHT BREAST". THE NODE SORROUNDED BY FATTY TISSUE AND STAINED WITH BLUE DYE, MEASURES 2.5 X 2.2 X 1 CM. THIS WAS PROCESSED FOR FROZEN SECTION AND THE REST OF THE TISSUE IS SUBMITTED IN 1B. THE TISSUE IS PROCESSED FOR SENTINEL PROTOCOL. THIS IS SUBMITTED IN TOTAL LABELLED "1A TO 1D".
2. THE SPECIMEN IS LABELED AS "SENTINEL NODE #2 RIGHT BREAST". THE NODE SURROUNDED BY FATTY TISSUE IS STAINED WITH BLUE DYE AND MEASURES 1.5 X 1.0 X 0.5 CM; THIS WAS PROCESSED FOR FROZEN SECTION AND THE REST IS SUBMITTED IN 2A AND 2B. THE SPECIMEN IS PROCESSED FOR SENTINEL PROTOCOL.
3. RECEIVED IS A SPECIMEN LABELLED AS "RIGHT BREAST" MEASURING 22 X 30 X 4 CMS. WITH A PORTION OF SKIN ATTACHED TO IT MEASURING 19.5 X 9 CMS. AND WEIGHING 1080GMS. THE TISSUE WAS ORIENTED ACCORDING TO MAMMOGRAPHIC REPORT. THE NIPPLE AND AREOLA ARE PRESENT AND ARE GROSSLY UNREMARKABLE. ON PALPATION A HARD AREA IS IDENTIFIED AT THE RIGHT LOWER OUTER QUADRANT. THE SPECIMEN IS SERIALLY SECTIONED AND SECTIONS SHOW AN INFILTRATING LESION IN THE RIGHT LOWER OUTER QUADRANT MEASURING 2.5 X 2 X 2 CMS. THE LESION IS AT ABOUT 1.5 CMS. FROM THE NEAREST INKED LINE OF RESECTION MARGIN. ALSO SEEN ARE SMALL MULTIPLE HARD FIBROTIC AREAS MEASURING UP TO 1.2 CMS IN GREATEST DIMENSION, SITUATED IN THE UPPER INNER QUADRANT. ON SERIAL SECTIONING OF THE BREAST NO LYMPH NODES ARE IDENTIFIED IN THE SPECIMEN.

SECTIONS ARE SUBMITTED AS FOLLOWS:

3A AND 3B	-	TUMOR
3C AND 3D	-	TUMOR WITH DEEP MARGIN
3E	-	DEEP MARGIN
3F & 3G	-	AREA FROM RIGHT LOWER INNER QUADRANT
3H	-	FROM THE UPPER INNER QUADRANT (RIGHT)
3J	-	RIGHT UPPER INNER QUADRANT (RIGHT)
3K	-	FROM THE NIPPLE
3L-N	-	SMALL LOBULES ON THE RIGHT UPPER OUTER QUADRANT, BISECTED

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PAGE 4

SPEC#: 05:SS004139 ASSN TO: COOK, DONALD M. DR.

Batch #996034

Patient: [REDACTED] (Continued)

**GROSS:** [REDACTED] (Continued)

LABELLED "RIGHT LATERAL AXILLARY NODES" CONSISTS OF ADIPOSE TISSUE AND TWO SUSPECTED LYMPH NODES, THE LARGEST MEASURING 1.5 X 1 X 0.6 CMS. THE SMALLER MEASURES 1 X 0.6 X 0.3 CMS. SUBMITTED IN CASSETTES FROM 4A TO 4C.

Dictated by: CHANDRAKANTH, S.A.  
 Entered: 03/06/05 - 1323

**MICROSCOPY:**

1. SECTIONS FROM SENTINEL NODE SHOW REACTIVE HYPERPLASIA AND SOME HISTIOCYTOSIS. NO METASTATIC CARCINOMA IS IDENTIFIED. THE CK7 STAIN IS NEGATIVE.
2. SECTIONS FROM SENTINEL NODE SHOW REACTIVE HYPERPLASIA. NO METASTATIC TUMOUR IS IDENTIFIED. THE CK7 STAIN IS NEGATIVE.
3. EXAMINATION OF THE MASTECTOMY OF RIGHT BREAST SHOWS INFILTRATING DUCTAL CARCINOMA. THIS IS CHARACTERIZED BY SPARSE TUBULAR FORMATION ASSOCIATED WITH A DESMOPLASTIC REACTION AND NECROSIS. IN MANY AREAS, THERE IS HIGH GRADE NUCLEAR CHANGES WITH APPROXIMATELY 35 MITOTIC FIGURES COUNTED PER TEN POWER FIELDS. THE LESION IS SEEN INFILTRATING INTO THE SURROUNDING FATTY TISSUE AND IT IS 5.0 MMS AWAY FROM THE NEAREST DEEP LINE OF RESECTION. THE NIPPLE IS UNREMARKABLE. THE REST OF THE BREAST SHOWS EVIDENCE OF FIBROCYSTIC DISEASE WITH A HYALINIZING FIBROADENOMA SEEN IN THE UPPER OUTER QUADRANT.
4. THE TWO NODES FROM THE LATERAL AXILLARY AREA SHOW NO EVIDENCE OF METASTATIC CARCINOMA.

Dictated by: CHANDRAKANTH, S.A.

CODES: F40200 - ANTIBODY, NOS  
 P06500 - CONSULTATION, N  
 F26480 - ESTROGEN, NOS  
 P00100 - PROCEDURE, NOS  
 F26370 - PROGESTERONE  
 F12200 - PROTEIN, NOS  
 T08710 - AXILLARY LYMPH  
 T04000 | M85003 - BREAST | DUCTAL CARCINOM  
 T04000 | M80001 - BREAST | NEOPLASM  
 T04000 | M34000 - BREAST | OBSTRUCTION  
 T04000 | E54270 - BREAST | PARAFFIN, NOS  
 T04020 - FEMALE BREAST,  
 T08000 - LYMPH NODE  
 T08000 | M72020 - LYMPH NODE | HYPERPLASIA, SE  
 T08000 | M09450 - LYMPH NODE | NO EVIDENCE OF

MARKERS: AXLN, BRE, DUCT, FROZEN SECTION, LN, NEM, OB, SENT OUT, TUMOUR REGISTRY

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PAGE 5

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Batch #996034

Patient: [REDACTED] (Continued)

TISSUES:

1. LYMPH NODE - SENTINEL NODE RT BREAST
2. LYMPH NODE - SENTINEL NODE RT BREAST
3. FEMALE BREAST, RIGHT - AND LEVEL 2 NODES
4. AXILLARY LYMPH NODE - RT LATERAL NODES

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PAGE 6

SPEC#: 05:SS004139 ASSN TO: COOK, DONALD M. DR.

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Patient: [REDACTED] (Continued)

Related Findings

Specimen: 05:SS3430 SOUT Received: 29/04/05-0932 Spec Type: SURGICAL

TISSUES:  
CORE BIOPSY BREAST - RIGHT

**\*PATHOLOGICAL INTERPRETATION\***

RIGHT BREAST, NEEDLE CORE BIOPSY - INFILTRATING DUCTAL CARCINOMA.

Specimen: 94:SU2077 SOUT Received: 14/03/94-1142 Spec Type: SURGICAL

TISSUES:  
1. TEETH - X 2

**DIAGNOSIS:**

DENTAL CARIES