

Dr. Daniel Fontaine – Curriculum Vitae

DANIEL G. FONTAINE MD FRCP(C)

ADDRESS



TELEPHONE



E-MAIL



ACADEMIC HISTORY

June 1998- June 2003

- 5 year residency in Anatomical Pathology, Dalhousie University in Halifax, Nova Scotia

Sept 1994- May 1998

* Graduated with Doctorate of Medicine from Memorial University of Newfoundland

- * Completed international electives in Cork, Ireland in emergency medicine and family medicine

Sept 1990- May 1994

- Completed 3 of 4 years Bachelor of Science in Biopsychology, University of New Brunswick (Saint John Campus)- Dean's List all 3 years

Sept 1985- May 1987

- Diploma of Cytotechnology Allied Health Science School, Victoria General Hospital, Halifax, Nova Scotia

DESIGNATIONS

Fellow of the Royal College of Physician's and Surgeons of Canada-
 2003 successful on first attempt
 Chief Resident Oct 2001- Jun 2002
 Associate Chief Resident Mar 2001- Sept 2001
 MCCQE Part 1-1998, Part 2-1999 successful on first attempts
 RT subject Diagnostic Cytology 1988 successful on second attempt

PUBLICATIONS

Fontaine DG, Lau H, Murray SK, Fraser RB, Wright Jr JR. Cutaneous ciliated cyst of the abdominal wall: a case report with review of the literature and discussion of pathogenesis. *Am J Dermatopathol.* 2002 Feb; 24(1):63-6

Fontaine D, Parkhill W, Greer W, Walsh N. Nevus cells in lymph nodes: an association with congenital cutaneous nevi. *Am J Dermatopathol.* 2002 Feb; 24(1):1-5

Fontaine D, Parkhill W, Greer W, Walsh N. Does regression impact on sentinel lymph node status? *Am J Dermatopathology.* 2003 Oct; 25(5):371-6

Thomas LN, Douglas RC, Vessey JP, Gupta R, Fontaine D, Norman RW, Thompson IM, Troyer DA, Rittmaster RS, Lazier CB. 5 alpha reductase type 1 immunostaining is enhanced in some prostate cancers compared with benign prostatic epithelium. *J Urol.* 2003 Nov;170(5):2019-25.

Mayrand MH, Duarte-Franco E, Coutlee F, Rodrigues I, Walter SD, Ratnam S, Franco EL; CCCaST Study Group*. Randomized controlled trial of human papillomavirus testing versus Pap cytology in the primary screening for cervical cancer precursors: design, methods and preliminary

accrual results of the Canadian cervical cancer screening trial (CCCaST).
 Int J Cancer. 2006 Aug 1;119(3):615-23.*member of CCCaST study group
Kaurah P, MacMillan A, Boyd N, Senz J, De Luca A, Chun N, Suriano G, Zaor S, Van Manen L, Gilpin C, Nikkel S, Connolly-Wilson M, Weissman S, Rubinstein WS, Sebold C, Greenstein R, Stroop J, Yim D, Panzini B, McKinnon W, Greenblatt M, Wirtzfeld D, Fontaine D, Coit D, Yoon S, Chung D, Lauwers G, Pizzuti A, Vaccaro C, Redal MA, Oliveira C, Tischkowitz M, Olschwang S, Gallinger S, Lynch H, Green J, Ford J, Pharoah P, Fernandez B, Huntsman D. Founder and recurrent CDH1 mutations in families with hereditary diffuse gastric cancer.
 JAMA. 2007 Jun 6;297(21):2360-72.

RESEARCH INTERESTS

Sentinel lymph node biopsy for melanoma, aspects of fine needle aspiration cytology of various organ sites, HPV and cervical neoplasia and cytopathology of glandular neoplasia of the cervix.

CURRENT RESEARCH

Hereditary colorectal cancers joint project between NL and Ontario, evaluating biomarkers in colorectal cancers.

Hereditary diffuse gastric cancers with e-cadherin mutations.

Evaluation of HPV DNA, E6/E7 mRNA, and biomarkers in cervical cytology preparations. [Transient, Persistent and Persistent Transforming (TPAPT study)].

HPV prevalence and influence in squamous cell carcinoma of the upper respiratory tract

Liquid based cytology and applications in NonGyn cytology

PRESENTATIONS

2008 Alberta Cancer Board Calgary, Alberta January HPV testing – a cytologic perspective

2007 American Society of Cytopathology Houston Texas November 4-9, Poster presentations

- ProExC as a screening test
- Evaluation of GluCyte as an alternate Liquid Based Cytology Method: Preliminary results from a Cohort Study

2007 25th International Papilloma Virus Conference Beijing China November, Poster presentation

- Use of mRNA in Head and Neck cancers

2007 Alberta Cancer Board Banff, Alberta October Molecular markers in Cytology

2007 Canadian Association of Pathologists Toronto Ontario June HPV symposium: Cervical screening in the 21st century

2007 Oncology Grand Rounds LBC and HPV testing April

2006 24th International Papilloma Virus Conference Prague Czech Republic September, Poster presentations:

- Use of HPV and biomarkers in Head and Neck Cancers
- Application of HPV E6/E7 mRNA, p16^{INK4a} and MCM2/TOP2a testing for detection of women at increased risk for cervical carcinoma in comparison with HPV DNA

2005 MariTech Saint John New Brunswick Workshop on FNA Head and Neck April

2005 23rd International Papilloma Virus Conference Vancouver BC May 5

Oral Poster Presentation:

Can HPV be used in the triage of Atypical Glandular Cells?

Poster presentation:

Detection of High Risk Oncogenic HPV in women with cervical cytologic abnormalities by the Roche Amplicor HPV test and the Digene Hybrid Capture 2 test

2002 CAP Meeting, Calgary, Alberta, May 18- Platform Presentation

Fine needle aspiration of a 'thyroid' mass: a case report of tracheal chondrosarcoma

2001 CAP Meeting, Quebec, Quebec, June 23- Platform Presentation
Radiologic and Pathologic correlation of Papillary Breast Lesions

2001 CAP Meeting, Quebec, Quebec, June 23- Poster Presentation
Nevus cells in lymph nodes: an Association with congenital nevi

2001 New Brunswick Provincial Technologists Association, Saint John, New Brunswick,
May 6
Problems in Fine Needle Aspiration of Breast- case studies

2000 Maritech, Dartmouth, Nova Scotia, November 7
Colon Cancer- from biopsy and beyond...

Numerous academic half-day presentations on a variety of topics related to Anatomic Pathology

Teaching of Medical students in all years in tutorial and small group sessions

Participation in a wide variety of clincopathologic case rounds

EMPLOYMENT HISTORY

June 2003- present
Staff pathologist, Memorial University of Newfoundland, St. John's, Newfoundland and Labrador

June 1987- Sept 1994
Cytotechnologist, Saint John Regional Hospital, Saint John, New Brunswick

TITLES

Director of Cytopathology Laboratory, Eastern Health April 2004 – present

Assistant professor, Memorial University June 2003 - present

Site Chief, Health Sciences Center, Eastern Health May 2005 – April 2006

Educational Co-ordinator Anatomical Pathology Residency training program April 2004 – January 2006

Subject Chair Pathology BSM II September 2003 – present

Course Chair BSM II September 2004 – present

Secretary/Treasurer NAP October 2004 – January 2006

NLMA Board Member June 2005 – June 2007

NLMA Secretary/Treasurer June 2007 - present

Cervical Screening Initiatives Provincial advisory committee January 2004 – present

Cytology registry committee August 2005 – present

Quality Monitoring Committee for Cervical Screening Initiatives program, Chair, December 2004 - present

Canadian Society of Cytology Executive, member at large January 2006- present

Most Outstanding Teacher as voted by first year medical studies Memorial University 2004-5

Silver Orator Award as voted by the 2007 Graduating medical class of Memorial University

REFERENCES AVAILABLE UPON REQUEST