

I. BIOGRAPHICAL DATA

Elaine Dumoulin

Work address

*Pulmonary Diagnostic Clinics
South Health Campus
6th Floor, 4448 Front Street SE
Calgary, AB, T3M 1M4
Canada
phone: (403) 956-2800
fax : (403) 956-2848*

Current appointment:

Respirologist, Interventional Pulmonary Medicine
Department of Medicine, Division of Respiratory Medicine
South Health Campus, Foothills Medical Center

II. ACADEMIC RECORD

Undergraduate

2000-2005 : MD diploma
University of Montreal, QC

Graduate and Postdoctoral

2005-2008 : Internal Medicine Program
University of Sherbrooke, QC

2008-2010 : Pulmonology training
University of Sherbrooke, QC

Special Professional

2010-2011 : Fellowship Interventional Pulmonary Medicine
University of Calgary, AB

Licensure, Certification and Boards

2013 : American Association for Bronchology and Interventional Pulmonology - Board examination
2010 : Royal College of Physicians and Surgeons of Canada, Certification in Pulmonary Medicine (FRCPC)

2010 : Certification in Pulmonary Medicine (CMQ)
2010 : Part 2 (LMCC)
2009 : Royal College of Physicians and Surgeons of Canada, Certification in Internal Medicine (FRCPC)
2005 : Part 1 (LMCC)
2004 : Advanced Cardiac Life Support, Advanced Trauma life support

Examiner for RCPSC (Internal Medicine exam) – 2014 and 2015

IV. ACADEMIC APPOINTMENTS

2014- Current: Assistant Professor of Medicine
Department of Medicine, Division of Respiratory Medicine
Faculty of Medicine, University of Calgary

2011- 2014
Clinical Associate Professor
Department of Medicine, Division of Respiratory Medicine
Faculty of Medicine, University of Sherbrooke

2012- 2014
Assistant Program Director
Department of Medicine, Division of Respiratory Medicine
Faculty of Medicine, University of Sherbrooke

V. EDUCATIONAL ACTIVITIES

i. Undergraduate

2011- 2014
Bedside clinical teaching for undergraduate students rotating through the CHUS Respiratory Medicine consultation and admission service

2011- 2014
Small group tutor – Respiratory unit

2011- 2014
Small group tutor – MD profession – Modification of life habits
Teaching undergraduate students how to improve their personal habits for a healthier lifestyle

2012- 2014
Student Director for Respirology
Responsible for undergraduate students rotating through the respiratory Medicine Service

ii. Graduate

2011 – 2014

Bedside clinical teaching for internal medicine residents rotating through the CHUS Respiratory Medicine consultation and admission service

2011- 2014

Lecturer Internal Medicine Residents

2011- 2014

Preceptor, First year Internal Medicine Resident Clinical Examination Sessions

2011- 2014

Supervisor for resident research projects

Samer George, R2 IM.

Pleurodesis rate following a thoracic surgery using portable ultrasound machine

Leblanc, Marie-Andree, R2 IM

Etiologies of hemoptysis in a North American Tertiary Center

iii. Postgraduate

2011 -

Bedside clinical teaching for Respiratory Medicine Fellows

2011 – 2014

Research Supervisor for Respiratory Fellow

Paul Tran – Sensitivity of EBUS in a tertiary center

Jean-Louis Aube – Rate of pneumothorax following CT-guided Transthoracic Biopsies

Andree-Anne Audet-Gagnon – Improvement of quality of care following the implementation of a pleura clinic

2011-

Clinical supervisor for teaching advanced pulmonary procedures

(Linear and radial EBUS, Chest tube installation, Chest and Lung Ultrasonography
Tunneled pleural catheter installation, Endobronchial
Electrocautery and Cryotherapy)

iv. Continuing medical education

Pleura course – April 2016 – CRC Halifax

One day course for pulmonologist and pulmonary fellows on pleural ultrasound

Pleura course – April 2015 – CRC Ottawa

Organisation of a one-day course on pleural diseases and hands-on session for chest tubes, ultrasound and tunnelled pleural catheter.

Pleura course – February 2015 - Calgary

Organisation of a two-day course on pleural diseases and hands-on session for chest tubes, ultrasound and tunnelled pleural catheter.

Interventional bronchoscopy course – May 2014 – Montreal

Guest speaker for thoracic ultrasound and radial EBUS –and workshop

Pleura course – April 2014 – CRC Calgary

Organisation of a one-day course on pleural diseases and hands-on session for chest tubes, ultrasound and tunnelled pleural catheter. - 24 participants.

Pleura course – It's all about the pleura – January 2014 – Manoir des Sables, Orford, Qc, Canada

Organisation of a two-day course on pleural diseases and hands-on session for chest tubes, ultrasound and tunnelled pleural catheter.- 24 participants.

Pleural ultrasound training – November 2013 – CHUS, Qc, Canada

Guest speaker for pleural ultrasound training and workshop for emergency doctors

16th Intensive care symposium – September 2013 – CHUS, Qc, Canada

Guest speaker for the use of lung and pleural ultrasound in an intensive care unit setting

Pleural ultrasound training – February 2013 – Hopital Pierre-Boucher, Longueuil, Qc, Canada

Guest speaker for pleural ultrasound training and workshop

CHEST Atlanta October 2012 – hands-on session -AABIP

Guest speaker for chest tube Workshop

Interventional Pulmonology Course – June 2012 – CHUL, Quebec city, QC, Canada

Guest speaker and Workshop : pleural ultrasound

APPQ approved pleural ultrasound training - CHUS, Sherbrooke, May 2012

Speaker for pleural ultrasound training and workshop

APPQ conference – November 4th 2011- Quebec city, QC, Canada

Guest speaker and Workshop : Pleural ultrasound

Interventional Pulmonology Course - June 27-30, 2011 – CHUM, Montreal, QC, Canada

Guest speaker: Radial EBUS, Pleural ultrasound

Workshop: Radial EBUS, linear EBUS, Pleural ultrasound

EBUS course – February 2011 – Calgary, AB, Canada

Workshop: linear EBUS live cases and pig lab

VI. ADMINISTRATIVE RESPONSIBILITIES

- i. Departmental
- ii. Faculty
- iii. University
- iv. Regional Health Authority
- v. Hospital

VII. PROFESSIONAL ACTIVITIES

i. Memberships

College of Physician and Surgeon of Alberta (CPSA)
Association des pneumologues de la province de Québec (APPQ)
Collège des médecins du Québec (CMQ)
Canadian Thoracic Society (CTS)
American Thoracic Society (ATS)
Canadian Association for Chest Procedure (CACP)
American Association for Bronchoscopy and Interventional Pulmonology (AABIP)
Royal College of Physicians and Surgeons of Canada (RCPSC)
Canadian Protective Medical Association (CPMA)
American college of chest physicians (ACCP)

VIII. RESEARCH SUPPORT

STUDY TITLE : Evaluation of the rate of pleurodesis after a lung surgery. Using pleural ultrasound the objective is to evaluate the rate of pleurodesis in patients that underwent thoracic surgery including wedge, segmentectomy or lobectomy as well as lung transplant.

PROTOCOL NO. : 13-162

STUDY TITLE : Impact of a pleura clinic on the management and care of patients with pleural effusion.

Retrospective study of patients that were evaluated for pleural effusion before and after the beginning of a dedicated pleura clinic looking at hospital stay, emergency room visits and number of thoracentesis before installation of a tunneled pleural catheter.

STUDY TITLE: A randomised, double-blind, parallel group study to assess the efficacy and safety of 52 weeks of once daily treatment of orally inhaled tiotropium + olodaterol fixed dose combination (2.5 µg / 5 and 5 µg / 5 µg) (delivered by the Respimat® Inhaler) compared with the individual components (2.5 µg and 5 µg tiotropium, 5 µg olodaterol) (delivered by the Respimat® Inhaler) in patients with Chronic Obstructive Pulmonary Disease (COPD) [TOnado™ 1]

PROTOCOL NO.: 1237.20

SPONSOR: Boehringer Ingelheim Canada Ltd./Ltée

STUDY TITLE: Randomised, double-blind, placebo-controlled, 6 treatment, 4 period, incomplete cross-over trial to characterise the 24-hour lung function profiles of tiotropium + olodaterol fixed dose combination (2.5/5 µg, 5/5 µg), tiotropium (2.5 µg, 5 µg) and olodaterol (5 µg) (oral inhalation, delivered by the Respimat® Inhaler) after 6 weeks once daily treatment in patients with Chronic Obstructive Pulmonary Disease (COPD) [VIVACITOTM]

PROTOCOL NO.: 1237.20

SPONSOR: Boehringer Ingelheim Canada Ltd./Ltée

STUDY TITLE: A 52-week treatment, multi-center, randomized, double-blind, double dummy, parallel-group, active controlled study to compare the effect of QVA149 (indacaterol maleate / glycopyrronium bromide) with salmeterol/fluticasone on the rate of exacerbations in

subjects with moderate to very severe COPD

SPONSOR: Novartis Pharmaceuticals Canada Inc.

PROTOCOL NUMBER: CQVA149A2318

X. PUBLICATIONS/PRESENTATIONS

i. Peer reviewed manuscripts

Corresponding author

- 1 A series of transbronchial removal of intracavitary pulmonary Aspergilloma (Calgary)
 - Stather, DR.
 - Ann Thorac Surg. 2017 Mar; 103(3):945-950
- 2 Primary tracheobronchial amyloidosis: Commonly uncommon? (CHUS, Sherbrooke)
 - Dumoulin E.
 - Can Respir J. 2014 Sep-Oct;21(5):270
- 3 Ultrasound finding predictive of malignant pleural effusion – (CHUS, Sherbrooke)
 - Grondin-Beaudoin B, Dumoulin E.
 - Can Respir J 2013 Jan;20(1):10.
- 4 Idiopathic subglottic stenosis : a familial predisposition – (CHUS, Sherbrooke)
 - Dumoulin E, Tremblay A.
 - Ann Thorac Surg 2013 Mar;95(3):1084-6
- 5 Endobronchial schwannoma (CHUS, Sherbrooke)
 - Dumoulin E, Tremblay A
 - J Bronchology Interv Pulmonol 2012 Jan;19(1):75-7

Co-author

- 6 Lesion heterogeneity and risk of infectious complications following peripheral endobronchial ultrasound.
 - Fortin M, MacEachern P.
 - Respirology 2016 Nov 18.
- 7 Mediastinal abscess following endobronchial ultrasound transbronchial needle aspiration in a patient with sarcoidosis.
 - McGovern F, Dumoulin E.
 - J Bronchology Interv Pulmonology 2015 Oct 22(4)
- 8 Self-expandable metallic stents in non-malignant large airway disease.
 - Fortin M, Tremblay A.
 - Co-Author.
 - Can Respir J. 2015 Jul-Aug
- 9 Endobronchial ultrasound learning curve in interventional pulmonary fellows.
 - Stather DR, Tremblay A.
 - Co-Author
 - Respirology. 2015 Feb 20(2)
- 10 Evaluation of a novel method of teaching endobronchial ultrasound: Physician-versus respiratory therapist-proctored simulation training.
 - Stather DR, Tremblay A.

- Co-author
- Can Respir J. 2013 May 28
- 11 Diagnostic utility of Peripheral Endobronchial Ultrasound with Electromagnetic Navigation Bronchoscopy in peripheral lung nodules.
 - Chee A, Tremblay A.
 - Co-author
 - Respirology 2013 Mar22
- 12 Trainee Impact on Procedural Complications: An analysis of 967 Consecutive Flexible Bronchoscopy Procedures in an Interventional Pulmonology Practice – (FMC, Calgary)
 - Stather DR, Tremblay A.
 - Co-author
 - Respiration 2013 Mar 12.
- 13 Bronchoscopic removal of a large intracavitary pulmonary aspergilloma (FMC, Calgary)
 - Stather DR, Tremblay A.
 - Co-author
 - Chest 2013 Jan:143(1):238-41
- 14 The impact of tunneled pleural catheters on the quality of life of patients with malignant pleural effusions (FMC, Calgary)
 - Sabur NF, Tremblay A
 - Co-author
 - Respiration 2013:85(1):36-42
- 15 Wet laboratory versus computer simulation for learning endobronchial ultrasound: a randomized trial (FMC, Calgary)
 - Stather DR, Tremblay A
 - Co-author
 - Can Respir J. 2012 Sep-Oct:19(5):325-30
- 16 Trainee impact on advanced diagnostic bronchoscopy: an analysis of 607 consecutive procedures in an interventional pulmonary practice (FMC, Calgary)
 - Stather DR, Tremblay A
 - Co-author
 - Respirology. 2013 Jan:18(1):179-84
- 17 Evaluation of clinical endobronchial ultrasound skills following clinical versus simulation training (FMC, Calgary)
 - Stather DR, Tremblay A
 - Co-author
 - Respirology. 2012 Feb:17(2):291-9

ii. Non-peer reviewed manuscripts

iii. Books, chapter

iv. Abstracts

- 1- Delayed mediastinal abscess after endobronchial ultrasound-guided transbronchial needle aspiration for sarcoidosis (CHUS, Sherbrooke) – Dumoulin E, Boileau R.
 - Poster session, WBCIP, Japan 2014.

- 2- Lung function assessment prior to a lung surgery in patients with permanent tracheostomy (CHUS, Sherbrooke) – Dumoulin E, Poulin Y.
 - Poster session, CHEST, Chicago 2013.
- 3- AL amyloidosis presenting as a tracheobronchial amyloidosis : a case report of successful treatment with cyclophosphamid-bortezomib-dexamethasone (CHUS, Sherbrooke) – Couture E, Dumoulin E.
 - Poster session, ATS, Philadelphia 2013
- 4- Pleurosesis in Spontaneous pneumothorax, a retrospective study comparing quinacrine to talc and mechanical pleurodesis (CHUS, Sherbrooke) Beaudoin E, Poulin Y
 - Co-author
 - Poster session, ATS, San Fransisco 2012
- 5- Trainee Impact on Endobronchial Ultrasound Complications: An Analysis of 607 Consecutive Procedures in an Interventional Pulmonary Practice (FMC, Calgary) Stather DR, Tremblay A
 - Co-author
 - Poster session, CHEST, Atlanta 2012
- 6- Trainee Impact on flexible bronchoscopy complications : an analysis of 967 consecutive flexible bronchoscopy procedures in a Canadian interventional pulmonology practice (FMC, Calgary), Stather DR, Tremblay A
 - Co-author
 - Poster session, ATS, Denver 2012
- 7- The Impact of Tunnelled Pleural Catheters on the Quality of Life of Patients with Malignant Pleural Effusions (FMC, Calgary) - Sabur N, Tremblay A.
 - Co-author
 - Poster session, CHEST, Hawaii 2011
- 8- Evaluation of the endobronchial ultrasound learning curve in Interventional Pulmonary Fellows over 200 clinical cases (FMC, Calgary) - Stather D, Tremblay A
 - Co-author
 - Poster session, CHEST, Hawaii 2011
- 9- Bronchoscopic approach to the peripheral lung nodule – An alternative approach using peripheral endobronchial ultrasonography and electromagnetic navigation bronchoscopy (FMC, Calgary) - Chee A, Tremblay A.
 - Co-author
 - Poster session, CHEST, Hawaii 2011
- 10- Nrf2 versus peroxisome proliferator-activated receptor-gamma (PPAR γ) as therapeutic targets for idiopathic pulmonary fibrosis (CHUS, Sherbrooke) – Dumoulin E, Cantin A.
 - Oral presentation, ATS, New Orleans, May 2010
- 11- Cigarette smoke exposure, endoplasmic reticulum stress and transforming growth factor beta (CHUS, Sherbrooke) Dumoulin E, Cantin A.
 - Poster session, ATS, SanDiego 2009

22. Communications - unpublished

Presertation at WCBIP – Florence 2016

Tunelled pleual cathter for the management of malignant pleural effusion.