

## **Erik Vakil, M.D.**

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### **FACULTY POSITIONS**

*Oct 2018 – Present*

Clinical Assistant Professor  
Interventional Pulmonary Medicine  
Division of Respiriology  
University of Calgary

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### **POST-GRADUATE TRAINING**

*2017 – 2018*

University of Texas M.D. Anderson Cancer Center, Houston TX  
Fellow, Interventional Pulmonology

*2014 – 2017*

University of Texas Health Sciences Center McGovern Medical School, Houston TX  
Fellow, Pulmonary, Critical Care and Sleep Medicine

*2011 – 2014*

Medstar Georgetown University/Washington Hospital Center Internal Medicine Program, Washington DC  
Resident, Internal Medicine

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### **BOARD CERTIFICATION**

*2018*

Interventional Pulmonology, American Association of Bronchology and Interventional Pulmonology

*2017*

Critical Care Medicine, American Board of Internal Medicine

*2016*

Pulmonary Disease, American Board of Internal Medicine

*2014*

Internal Medicine, American Board of Internal Medicine

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## MEDICAL SCHOOL AND UNDERGRADUATE TRAINING

2007 – 2011

Royal College of Surgeons in Ireland, Dublin Ireland  
MB BCh, graduation with honors

2003-2005

Dalhousie University, Halifax Canada  
BSc Biochemistry and Molecular Biology, graduation with honors

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## PEER REVIEWED PUBLICATIONS

Sheshadri A, Karimipour M, Vakil E, Bashoura L, Godoy M, Arain MH, Evans SE, Dickey BF, Ost DE, Chemaly RF, Faiz SA. Refinement of estimates of mortality risk using the Radiologic Severity Index in hematologic malignancy patients with respiratory syncytial virus infection. *Transplant Infectious Diseases*. 2019 May 13 [Epub ahead of print].

PMID: 31081570

Sabath B, Muhammad H, Balagani A, Ost D, Vakil E, Ahmed T, Vial M, Grosu H. Secondary Spontaneous Pneumothorax in Patients with Sarcoma Treated with Pazopanib, a Case Control Study. *BMC Cancer*. 2018;18(1):937.

PMID: 30285733

Vakil E, Sheshadri A, Faiz SA, Shah, DP, Zhu Y, Li L, Kmeid J, Azzi J, Balagani A, Bashoura L, Ariza-Heredia E, Chemaly R. Risk factors for mortality after respiratory syncytial virus lower respiratory tract infection in adults with hematologic malignancies. *Transplant Infectious Disease*. 2018;20(6)e12994

PMID: 30285733

Grosu H, Kazzaz F, Vakil E, Molina S, Ost D. Sensitivity of Initial Thoracentesis for Malignant Pleural Effusion Stratified by Tumor Type in Patients with Strong Evidence of Metastatic Disease. *Respiration*. 2018;96(4):363-369.

PMID: 30016797

Vakil E, Sabath B, Vaporciyan A, Casal R. Broncho-cutaneous fistula localized with methylene blue and treated with endobronchial valves. *Annals of the American Thoracic Society*. 2018;15(8):992-994.

PMID: 30067094

Casal RF, Walsh G, McArthur M, Hill L, Landaeta MF, Armas AJ, Ong P, Debiane L, Vakil E, Adachi R, Grosu HB, Jimenez CA, Ost D, Eapen EA. Bronchoscopic Laser Interstitial Thermal Therapy (BLITT): An Experimental Study in Normal Porcine Lung Parenchyma. *Journal of Bronchology and Interventional Pulmonology*. 2018;25(4):322.

PMID: 29771774

Vakil E, Ost D, Vial MR, Stewart J, Sarkiss MG, Morice RC, Casal RF, Eapen GA, Grosu HB. Nonspecific Pleuritis in Patients with Active Malignancy. *Respirology*. 2017;23(2):213-219.

PMID: 29024191

Vakil E, Sarkiss MG, Ost D, Vial MR, Casal RF, Eapen GA, Grosu HB. Safety of Monitored Anesthesia Care for Pleuroscopy. *Respiration*. 2018;23(2):213-219.  
PMID: 28918427

Grosu HB, Vial MR, Vakil E, Casal RF, Eapen GA, Morice RC, Stewart J, Sarkiss MG, Ost D. Pleural Touch Preparations and Direct Visualization of the Pleura During Medical Thoracoscopy for the Diagnosis of Malignancy. *Annals of the American Thoracic Society*. 2017;14(8):1326-1331.  
PMID: 28406718

Vial MR, Eapen GA, Casal RF, Sarkiss MG, Ost D, Vakil E, Grosu H. Combined Pleuroscopy and Endobronchial Ultrasound for Diagnosis and Staging of Suspected Lung Cancer. *Respiratory Medicine Case Reports*. 2017;2(23):49-51.  
PMID: 29276672

Sagar A, Vakil E, Jimenez C, Mathew R. Pulmonary Embolism Caused by Thrombin-Based Hemostatic Matrix. *BMJ Case Reports*. 2017;Dec. 7.  
PMID 29222215

Vakil E, Faiz SA, Iliescu C, Balachandran DD, Ong P, Debiante L, Mehran R. Managing Post-Pneumonectomy Tension Hydrothorax. *Annals of the American Thoracic Society*. 2017;14(6):1031-1035.  
PMID: 28570153

Hebsur S, Vakil E, Oetgen W, Kumar P, Lazarous, D. Influenza and Coronary Heart Disease: Exploring a Clinical Association with Myocardial Infarction and Analyzing the Utility of Vaccination in Prevention of Myocardial Infarction. *Reviews in Cardiovascular Medicine*. 2014;15(2):168-75.  
PMID: 25051134

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## **MANUSCRIPTS IN PROCESS**

Sheshadri A, Karimipour M, Vakil E, Bashoura L, Godoy M, Ost D, Chemaly R, Faiz S. Refinement of Estimates of Mortality Risk Using the Radiologic Sensitivity Index in Hematologic Malignancy Patients with Respiratory Syncytial Virus Infection.

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## **BOOK CHAPTERS AND INVITED REVIEWS**

Vakil E, Jimenez CA, Faiz, SA. Pleural Effusions in Hematologic Malignancies and Their Management with Indwelling Pleural Catheters. *Current Opinion in Pulmonary Medicine*. 2018;24(4):384-391.  
PMID 29629920

Vakil E, Evans S. Viral Pneumonia in Patients with Hematologic Malignancy or Hematopoietic Stem Cell Transplant. *Clinics in Chest Medicine*. 2016;38(1):97-111.  
PMID: 28159165

Vakil E. (2016) Hemoptysis and Lung Cancer. In: Toy E, Patlan J. (Eds) *Case Files: Internal Medicine, 5th Edition*. McGraw-Hill Education. ISBN-13: 978-0071843355

Vakil E, Zabiegaj-Zwick C, van As SAB. (2011) AIDS and Trauma. In: Dumais, N. (Ed) *HIV and AIDS - Updates on Biology, Immunology, Epidemiology and Treatment Strategies*. InTech. ISBN: 978-953-307-665-2

Vakil E, Tefferi A. BCR-ABL1—Negative Myeloproliferative Neoplasms: A Review of Molecular Biology, Diagnosis, and Treatment. *Clinical Lymphoma Myeloma and Leukemia*. 2011;1(1):S37-S45. PMID: 22035746

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## ABSTRACTS

Vakil E, Jackson NM, Sainz-Zuniga PV, Molina S, Martinez-Zayas G, Cantor SB, Ost DE. Cost-effectiveness of computed tomography-guided transthoracic biopsy and diagnostic bronchoscopy with and without rapid onsite evaluation for suspected lung cancer. *American College of Chest Physicians CHEST Annual Meeting, New Orleans. October 2019*

Vakil E, Jackson NM, Sainz-Zuniga PV, Molina S, Martinez-Zayas G, Cantor SB, Ost DE. Cost-complication analysis of peripheral bronchoscopy with radial endobronchial ultrasound compared with CT-guided transthoracic biopsy. *American College of Chest Physicians CHEST Annual Meeting, New Orleans. October 2019*

Sheshadri A, Karimipour M, Vakil E, Bashoura L, Godoy M, Ost D, Chemaly R, Faiz S. Refinement of Estimates of Mortality Risk Using the Radiologic Sensitivity Index in Hematologic Malignancy Patients with Respiratory Syncytial Virus Infection. *American Thoracic Society, Dallas TX, May 2019*

Gan Q, Roy-Chowdhuri S, Mehrotra M, Vakil E, Stewart J, Eapen G, Caraway N. Adequacy of EBUS-TBNA Specimens for Mutational Analysis in Metastatic Non-Small Cell Lung Cancer. *European Congress of Cytology, Madrid, Spain, June 2018*

Gan Q, Vakil E, Stewart J, Eapen G, Caraway, N. Cytologic Evaluation of PET-CT Positive Lymph Nodes in Endobronchial Ultrasound-guided Transbronchial Needle Aspiration (EBUS-TBNA): Experience of a Large Cancer Center. *The United States and Canadian Academy of Pathology Annual Meeting, Vancouver BC. March 2018*

Vakil E, Boka K. Is Prone Positioning Effective For Atelectasis In Non-ARDS Patients? *American College of Chest Physicians CHEST Annual Meeting, Los Angeles CA. October 2016*

Sagar AE, Vakil E, Mathew R. Pulmonary Embolism Caused by Thrombin Based Hemostatic Matrix. *American College of Chest Physicians CHEST Annual Meeting, Los Angeles CA. October 2016*

Vakil E, Faiz S, Shah D, Kmeid J, El Chaer R, Bashoura L, Ariza-Heredia E, Chemaly R. Evaluation of Bronchoscopy and Radiographic Imaging in Respiratory Syncytial Virus Infection in Hematologic Malignancy and Hematopoietic Stem Cell Transplant Patients. *American Thoracic Society International Conference, San Francisco CA. May 2016*

Aly O, Vakil E, Kousha M, Lamare G, Shorr A, Chan C. Frequency of Contrast Induced Nephropathy in Patients Who Undergo Computed Tomography Pulmonary Angiography for Pulmonary Embolism. *American College of Chest Physicians CHEST Annual Meeting, Austin. October 2014*

Szalwinski B, Lamare G, Vakil E, Kousha M, Aly O. Appropriate Use of Renal Replacement Therapy. *American Thoracic Society International Conference, San Diego CA. May 2014*

Kousha M, Vakil E, Aly O, Shorr A, Chan C, Lamare G. Employment of Screening Scores and Chest Radiographs Identifies Patients with Low Risk for Pulmonary Embolism and May Decrease Use of Computed Tomography. *American Thoracic Society International Conference, San Diego CA. May 2014*

Vakil E, Lamare G, Chan C, Aly O, Kousha M, Shorr A. Contrast-induced Nephropathy after Computed Tomography Pulmonary Angiography: Are the Risks Higher in Critically Ill Patients? *Society of Critical Care Medicine Annual Congress, San Francisco. Jan. 10, 2014*

Vakil E, Kancharla K, Mukherjee V. A Case of Wernicke's Encephalopathy with Lactic Acidosis and Gastrointestinal Beriberi. *American College of Physicians Regional Meeting, Washington DC. November 2012*

Vakil E, Sperry B. A Case of Acute Coronary Syndrome and Unique Angiogram Findings in a Patient with TTP, HIV and Traditional Cardiovascular Risk factors. *American Medical Association Resident & Fellows Research Symposium, Honolulu HI. Nov. 9, 2012*

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## **OTHER PUBLICATIONS**

Vakil E, Zubrow M. Should Critical Care Training Programs Start Offering Formal Training in Tele-ICU? *Society of Critical Care Medicine Critical Connections. Oct. 5, 2014*

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## **MEMBERSHIPS AND AFFILIATIONS**

*2018-present*

Member Scientific Advisory Board, Canadian Mesothelioma Society

*2018-present*

Associate member, Arnie Charbonneau Institute, University of Calgary

*2014-2016*

Member-at-large, Society of Critical Care Medicine In-training sub-committee