ERIK E. FOLCH, MD

WORK EXPERIENCE

Beth Israel Deaconess Medical Center
Harvard Medical School
Attending Physician in Interventional Pulmonology
Division of Thoracic Surgery and Interventional Pulmonology
Instructor of Medicine, Harvard Medical School
Boston, MA
September 2011-

Memphis Lung Physicians
Pulmonary Diseases, Critical Care and Interventional Pulmonary Medicine
Director of Respiratory Therapy and Interventional Pulmonology
Chairman of the Performance Improvement Committee
Memphis TN and DeSoto MS.
Baptist Memorial Hospital
July 2009-August 2011

Pulmonary and Critical Care Medicine Fellowship
Interventional Pulmonary Medicine Training
Respiratory Institute
Department of Pulmonary, Allergy, and Critical Care Medicine
Cleveland Clinic
Cleveland, OH
July 2006- June 2009
Pulmonary Diseases Board Certification (ABIM)
Critical Care Board Certification (ABIM)

Chief Residency
Chief Resident 2005-2006
Grady Memorial Hospital,
Emory University School of Medicine
Atlanta, GA

Internal Medicine Residency
Emory University School of Medicine,
Atlanta, GA
July 2002-June 2005
Internal Medicine Board Certification (ABIM)

EDUCATION

Masters of Science in Clinical Research.
Rollins School of Public Health,
Emory University, Atlanta GA.
Thesis entitled: *"The Clinical Use of HIV-1 Genotype Antiretroviral Resistance Testing in a Large Inner-City Hospital"*
September 2000-June 2002.

Research Fellowship

AIDS International Training and Research Program research Fellow in the Division of Infectious Diseases (clinical core of the Center For AIDS Research),
Emory University, Atlanta GA.
September 2000-June 2002

Doctor of Medicine
Facultad de Medicina. Universidad Nacional Autónoma de México.
September 1993-February 2000.
Medical Licensing Test: *February 1999*

LANGUAGES

Fluent in English and Spanish

CONSULTANT and ADVISORY EXPERIENCE

- Consultant for Boston Scientific, Division of Pulmonary Devices in the development and testing of new technologies and improvements in stents, endoscopic equipment and pleural disease diagnostic and therapeutic innovations.

ADDITIONAL TRAINING

- Endobronchial Management of Prolonged Air Leaks. Olympus (Spiration), Redmond WA. October 2011
- Endobronchial Ultrasound – 5th Interdisciplinary Training Course. Harvard Medical School, Beth Israel Deaconess Medical Center, Boston MA. August 2008
- SuperDimension Training Course. Cleveland Clinic, Ohio. August 2008
- Bedside Ultrasound in the Intensive Care Unit: Seminar. Université de Montreal-Cleveland Clinic. January 2008
- The Management of Pleural Diseases Including Thoracoscopy and other Procedures. Harvard Medical School, Beth Israel Deaconess Medical Center, Boston MA December 2007
- Internship at Centers for Disease Control and Prevention, Institutional Review Board “G”. Atlanta, GA. November 2001-May 2002
- 1st USAID Consultant’s Course “Implementing AIDS Prevention and Care Project in Developing Countries”, University of Washington, Seattle. July 26-August 5th 2001
- 9th Annual Course on Principles of STD and HIV Research, University of Washington, Seattle. July 16-26 2001
- ”Molecular Biology as a Clinical Tool” at Asociacion Mexicana de Patologia Clinica (Mexican Association of Clinical Pathology), Mexico City. September 10th 1999
- Sub internship in Infectious Diseases at Grady Memorial Hospital, Emory University, Atlanta. December 1997
- Sub internship in Internal Medicine at Grady Memorial Hospital, Emory University, Atlanta. November 1997

- Sub internship in Critical Care Unit, Emergency Medicine and Radiology at Beth Israel Medical Center, New York. June-October 1997
- Updates on Forensic Medicine at "Servicio Médico Forense" (Forensic Medicine Service). Mexico City, Mexico. November 26th and January 15th 1995
  Medical Assistant at "Consejo Nacional Para La Prevencion y el Control del SIDA" (National Council for AIDS Control and Prevention) (volunteer). June 1995-September 1995
- Professor's Assistant Course at Histology and Cell Biology Department of Facultad de Medicina. UNAM. July-September 1994

RESEARCH ABSTRACTS & ARTICLES

Peer Reviewed Publications

- Folch E, Santacruz JF. *Rapid Pleurodesis: An Outpatient Alternative*. Chest 2011;140:1665-6
- Cata JP, Folch E. *Dexmedetomidine as sole sedative during percutaneous carotid artery stenting in a patient with severe chronic obstructive pulmonary disease*. Minerva Anestesiologica 2009; 75 (11):668-71
- Folch E. Stoller JK. Approach to the Patient with Hemoptysis. BMJ Point-of-Care 2009 (online publication 2009, updated 2010 and 2011).
- Santacruz JF, Folch E. Approach to the Patient with Central Airway Obstruction. BMJ Point-of-Care 2009 (online publication 2009, updated 2010 and 2011).
- Folch E., Mazzone PJ. *Solitary Lung Nodule*. BMJ Point-of-Care 2009 (online publication 2009, updated 2010 and 2011).
- Folch E., Mehta A. *Airway Interventions in the Tracheobronchial Tree*. Seminars in Respiratory and Critical Care Medicine 2008;29:441-452.
- Leos A., Galindo-Galindo J, Folch E., Guerrero A., Bosques F., Mercado R., Arroliga AC. *Comparison of bronchoalveolar lavage vs. blind lavage with a modified nasogastric tube in the etiologic diagnosis of ventilator-associated pneumonia.* Medicina Intensiva 2008;32 (3):115-20
- Folch E., Shakoor H., Gomez J., Hogan, K., Mason D., Murthy S., Pettersson G., Mehta AC., Budev M. *Gastric Bezoar After Lung Transplantation in Non-cystic Fibrosis Patients and Review of the Literature*. Journal of Heart and Lung Transplantation 2007, 26 (7):739-41
- Weaver K., Folch E., Dent L, Flenaugh E. "*Cuff-pressure induced tracheal perforation".* J Bronchol 2006; 13 (4)
- Holguin F., Redd SC., Folch E., Mannino DM.; *Comorbidity and Mortality in Chronic Obstructive Pulmonary Disease-related Hospitalizations- United States 1979-2001".* Chest 2005.
- Huneycutt D., Folch E., Franco-Paredes C. *"Atypical manifestations of Infections in Patients with Familial Dysautonomia".* Am J Med 2003; 115:505-6
- Folch E., Hernandez I., Barragan M., Franco-Paredes C. *"Infectious Diseases, Non-Zero-Sum Thinking, and the Developing World".* Am J. Med Sci 2003; 326 (2): 66-72
- Franco-Paredes C., Rebolledo P., Folch E., Hernandez I., del Rio C., *"Diagnosis of Diffuse CD8+ Lymphocytosis Syndrome in HIV-Infected Patients"*. The AIDS Reader 2002; 12 (9): 408-13

- Franco-Paredes C. Folch E. *"Disseminated Cryptococcosis", Infect Med* 2001;18(6):302

Non-Peer Reviewed Publications

- Franco-Paredes C., Rouphael N., Mendez JI., Folch E., Rodriguez-Morales AJ., Santos JI., Hurst JW. *Cardiac Manifestations of Parasitic Infections Part III. Pericardial and Miscellaneous Cardiopulmonary Manifestations*. Clinical Cardiology 2007;30 (6):
- Franco-Paredes C., Rouphael N., Mendez JI., Folch E., Rodriguez-Morales AJ., Santos JI., Hurst JW. *Cardiac Manifestations of Parasitic Infections Part II. Parasitic Myocardial Disease.* Clinical Cardiology 2007;30 (5)
- Franco-Paredes C., Rouphael N., Mendez JI., Folch E., Rodriguez-Morales AJ., Santos JI., Hurst JW. *Cardiac Manifestations of Parasitic Infections Part I. Overview and Immunopathogenesis.* Clinical Cardiology 2007;30 (4):
- Folch E, Soto-Ramirez LE., *Review of the 7th Conference on Retroviruses and Opportunistic Infections San Francisco 2000*. Enfermedades Infecciosas y Microbiologia 2000, 20 (2): 81-84.

Abstracts

- Folch E., Santacruz JF., Machuzak MS., Gildea TR., Cohen D., Majid A. Safety and Efficacy of EBUS-guided TBNA through the Pulmonary Artery: A preliminary report**.** (Poster presentation at the CHEST Conference in Hawaii October 2011).
- Folch E., Shenoy R., Mehta AC., Budev M. *Liver Transplantation in a Lung Transplant Recipient for Alpha-1-Antritrypsin Deficiency.* (Oral presentation at the CHEST Conference in Chicago IL, October 2007)
- Leos A., Galindo-Galindo J., Folch E., Guerrero A., Bosques F., Mercado R., Arroliga AC. *Comparison of Bronchoscopic Bronchoalveolar Lavage vs. Blind Lavage with a Modified Nasogastric Tube in the Etiologic Diagnosis of Ventilator-Associated Pneumonia*. (Poster presentation at the CHEST Conference in Chicago IL, October 2007).
- Velasquez J.C., Folch E., Del Rio C., *"Acute Gonococcal Endocarditis".* Abstract accepted for poster presentation at ACP Conference, March 27, 2004.
- Hernandez I., del Rio C., Folch E., Lennox J., Le N., Rimland D., Guest J., Brown V. *"Lipid Abnormalities among PI-treated Women may be due to Excess Production of ApoC-III".* 10th Conference on Retroviruses and Opportunistic Infections, Boston. February, 2003
- Hernandez I., Folch E., Nesheim S., Caliendo A., Lennox J., Del Rio C., *"The Use of Genotype Resistance Testing in HIV-Infected Pediatric Patients"*. XIV World AIDS Conference, Barcelona July 7-12, 2002.
- E. Folch*, I. Hernández, T. Vetter, J. Browning, C. del Rio, and J. Lennox. "*AIDS Related Mortality: Improved Survival with HAART but Causes of Death Unchanged"*. 9th Conference on Retroviruses and Opportunistic Infections, Seattle. February 24-28, 2002
- Browning J., Vetter T., Folch E., Hernandez I., Del Rio C., Lennox J., *"Pre and Post-HAART: Mortality Reduced but Causes Unchanged"*, 2002 Southern Regional Meeting of the American Federation for Medical Research, New Orleans, February 23, 2001

- Chang L., Folch E., Lennox J., Fiebelkorn K, Hardy H., Caliendo A., Del Rio C., *"The Utility of HIV-1 Genotype Antiretroviral Resistance Testing in Clinical Practice"*. 1st International AIDS Society Conference on HIV Pathogenesis and Treatment, Buenos Aires, Argentina, July 8-11, 2001
- *"A Phase IIIb Randomized, Open-Label, Multicentre Study to Evaluate the Safety and Efficacy of 3TC/ZDV/Abacavir versus 3TC/ZDV/IDV in HIV-1 Infected Antiretroviral Therapy Naive Subjects".* (CNAB3014) Associate Researcher for Instituto Nacional de la Nutricion Salvador Zubiran, Mexico City, Mexico. September 1999-July 2000. Preliminary results presented at XIII International AIDS Conference. Durban, South Africa, July 2000 (Abs WeOrB606).
- Villasis-Keever A., Folch E., Soto-Ramirez LE., Rodriguez RA*. "Viral load as a determinant of antiretroviral treatment initiation in long term non-progressors and typical progressors"*. XIII International AIDS Conference, Durban, South Africa. July 2000 (MoPeC2495)
- *"Listeriosis at a Third Level Hospital in Mexico City",* Instituto Nacional de la Nutricion Salvador Zubiran. Presented at the XXIV Annual Congress of the Mexican Association of Clinical Microbiology and Infectious Diseases (AMIMC), July 1999
- *"Genotypic Characterization of sdf-1 Polymorphism in Mexican Population",* Instituto Nacional de la Nutricion Salvador Zubiran. Presented at the XXIV Annual Congress of the Mexican Association of Clinical Microbiology and Infectious Diseases (AMIMC), July 1999

BOOK CHAPTERS

- Folch E, Mehta AC. *Foreign Body Aspiration and Flexible Bronchoscopy*. In: Wang KP, Turner JF, Mehta AC, editors. Flexible Bronchoscopy, 3rd edition. Cambridge: Blackwell Science; (pending publication 2012).
- Folch E, Choudhary C., Vadi S., Mehta AC. *Transbronchial Biopsy in the Intensive Care Unit*, In: Frankel HL, deBoisblanc BP, editors. Bedside Procedures for the Intensivist. New York: Springer; 2010.

RESEARCH FUNDING

- Recipient of Young Investigator Award by the Research Program Committee (RPC 2008-1016) at the Cleveland Clinic for the research project entitled:

"HEMODYNAMIC AND INFLAMMATORY EFFECTS OF ABRUPT VS. TAPERED CORTICOSTEROID DISCONTINUATION IN SEPTIC SHOCK"
Co-PI and Mentor: Jorge Guzman MD.

HONORS AND AWARDS

- Excellence in Teaching Award. By Emory University School of Medicine Senior Medical Students, Graduation Ceremony on May 7, 2004.
- AOA Emory University Chapter (inducted as Housestaff on March 19, 2004)
- Resident Achievement Award. Emory University Internal Medicine Residency Program. August 2002.

- Winner of the Essay Contest on the *Health of Developing Countries: Its Causes and Effects in Relation to Economics or Law,* sponsored by the Center for International Development at Harvard University with the essay entitled: *"Infectious Diseases, Non-zero Sum Thinking and the Developing World ".* March 2002
- Training Scholarship: Principles of STD and HIV Research. University of Washington, Seattle. July 16-26 2001
- Fogarty Training Fellowship Award as part of the AIDS International Training and Research Program. Emory University September 2000-July 2002
- Social Service Award: for exceptional service to the victims of floods in Chiapas, Mexico. Awarded by Universidad Nacional Autonoma de Mexico, September 1999
- Honors during Medical Internship at Instituto Nacional de la Nutrición "Salvador Zubirán". June 1998.
- Honors during Sub internship at Beth Israel Medical Center, New York, NY. June-October 1997

TEACHING EXPERIENCE

- Chief Resident at Grady Memorial Hospital, Emory University School of Medicine with daily morning report and noon conference. June 2005-June 2006
- Mentored Emory Medical students during summer elective: "AIDS and Clinical Research". (Presented daily lectures and abstract submission to above mentioned conferences). July-August 2001
- Assistant Professor in Histology and Cell Biology at the Facultad de Medicina UNAM. Mexico City, Mexico. September 1994-February 1997

INVITED CONFERENCES

- "Endotracheal Tumors: Endoscopic Approach to Resection", Chilean Respiratory Society 43rd Annual Conference, Osorno Chile, November 3-6, 2010
- "Workshop on Endobronchial Ultrasound and Transbronchial Needle Aspiration: Theory and Practice" Chilean Respiratory Society 43rd Annual Conference, Osorno Chile, November 3-6, 2010
- "Computed Tomography of the Chest", Southpointe Hospital-Cleveland Clinic, Department of Internal Medicine, December 4, 2008.
- "Blood Transfusions in the ICU", Southpointe Hospital-Cleveland Clinic, Department of Internal Medicine, November 13, 2008.
- "Approach to the Solitary Lung Nodule", Southpointe Hospital-Cleveland Clinic, Department of Internal Medicine, October 23, 2008.
- "Computed Tomography of the Chest for Beginners", Cleveland Clinic, Department of Internal Medicine, February 12, 2008.
- "Infectious Complications of HIV/AIDS in the Lung", Cleveland Clinic, Cleveland OH. January 29, 2008
- "Non-infectious Complications of HIV/AIDS in the Lung", Cleveland Clinic, Department of Internal Medicine, January 12, 2008
- "Chest X-ray Interpretation for the Internal Medicine Specialist", Cleveland Clinic, Cleveland OH. October 26, 2007

- “HIV and the Lung”, Emory University Hospital, Atlanta GA. June 2006
- “HIV/AIDS for the Internist”, Senior Resident Grand Rounds, Emory University, Atlanta, GA. September 2004
- “The 10 Most Wanted in HIV/AIDS” Dermatology Grand Rounds, Emory University Department of Dermatology, Atlanta GA. June 2003
- “Mechanism of Action of Antiretroviral Drugs” Presented at the National Symposium of Antiretroviral Therapy Toluca, Mexico. June 2000
- “HIV subtypes and molecular methodology” Presented at the National Symposium of Antiretroviral Therapy Toluca, Mexico. June 2000
- “Immune Reconstitution in the Era of HAART” Presented at the Third International Pediatric AIDS Symposium. Children’s Hospital, Mexico City, Mexico. April 2000
- “Pharmacokinetics of Indinavir & Ritonavir regimen” Presented at Merck’s Annual Meeting. Mexico City, Mexico. September 1999
- “AIDS: a Latin-American perspective of the Epidemic” Presented at 1st Intl Bachelors’ Meeting, Mexico City, Mexico. September 1998
- “Hospital Management of HIV Patients” Presented at Hospital de la Mujer. SS. November 1996
- “AIDS: Updates and Perspectives” Presented at Instituto Nacional de Cardiología “Ignacio Chávez”. March 1996
- “Anatomy and Physiology of Hematopoyetic Organs” Presented at Instituto Nacional de Cardiología “Ignacio Chávez”. March 1996

MEMBERSHIPS

- Member of the Society of Critical Care Medicine
- Member of the American College of Chest Physicians (ACCP)
- Member of the American Association of Bronchology and Interventional Pulmonary Medicine
- Member of the American Thoracic Society