

C. Gerard Petersen, M.D.

Email: PetersenXS@icloud.com

Mobile: 215-359-6519

Current Position

Attending Physician
LVPG Pulmonary & Critical Care Medicine
Lehigh Valley Health Network
Allentown, Pennsylvania
2006 - present

Professional History

Chief, Division of Pulmonary Medicine
Lehigh Valley Health Network
Allentown, Pennsylvania
2020 - 2022

Practice Lead
LVPG Pulmonary & Critical Care Medicine
Allentown, Pennsylvania
2017 - 2022

Associate Chief, Division of Pulmonary Medicine
Lehigh Valley Health Network
Allentown, Pennsylvania
2017 - 2020

Assistant Professor
Morsani College of Medicine
University of Southern Florida
2016 - 2025

Medical ICU Director, LVH - Muhlenberg
Lehigh Valley Health Network
2012 - 2015

Attending Physician
Bethlehem Pulmonary Associates, Inc.
Pulmonary, Critical Care & Sleep Medicine
Bethlehem, Pennsylvania
2004 - 2006

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Expert Witness History

Petersen Expert Services PLLC
Various legal firms (70+ cases & 10+ deposition/testimony)
2021 - present

Post-Graduate Training

Temple University Hospital
Philadelphia, Pennsylvania
Pulmonary Disease, Critical Care Medicine & Sleep Medicine Fellowship
2001 - 2004

Thomas Jefferson University Hospital
Philadelphia, Pennsylvania
Internal Medicine, Internship & Residency
1998 - 2001

The New York Hospital – Cornell Medical Center
New York, New York
Pathology, Pathology Internship & Residency
1996 - 1998

Education

Tufts University School of Medicine
Boston, Massachusetts
Doctor of Medicine
1992 - 1996

Columbia University
New York, New York
Bachelor of Arts, Major in Medical Sciences / Minor in Political Science
1988 - 1992

Certification & Licensure

Board Certified:

- Internal Medicine - ABIM 2001, 2011, 2022 - present
- Pulmonary Disease - ABIM 2003, 2013, 2023 - present
- Sleep Medicine - ABSM 2005 - present
- Critical Care Medicine - ABIM 2005, 2015, 2025 - present

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Medical Physician and Surgeon:
Commonwealth of Pennsylvania
1998 - present

ACLS Certified:
1996 - present

Bronchoscopic Lung Volume Reduction
Zephyr Valve System, Pulmonyx, Chicago IL 2024

Robotic Bronchoscopy
Ion, Intuitive, Atlanta GA 2023

Physician Leadership Academy
Lehigh University, Bethlehem PA 2021

Electromagnetic Navigational Robotic Bronchoscopy
Monarch, Auris Health / Johnson & Johnson, Malvern PA 2021

Electromagnetic Navigational Bronchoscopy
SuperDimension Navigation System, Covidien, Plymouth MN 2018

Peripheral Bronchoscopy with Radial EBUS
Olympus, The Venel Institute, Bethlehem PA 2015

Endobronchial Ultrasound
Olympus, The Venel Institute, Bethlehem PA 2014

Committees

Thoracic Multidisciplinary Clinic
Lehigh Valley Health Network
2017 - present

Lung Disease Management Team
Lehigh Valley Health Network
2017 - 2025

Quality Assurance Committee
Lehigh Valley Health Network
2006 - present

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Greater Lehigh Valley Independent Physicians, Inc.
Board of Trustees
2007 - 2014

Honors

Tufts University School of Medicine
Honors: Medicine clerkship, Ward Medicine sub-internship, Critical Care sub-internship, Surgery clerkship, General Surgery sub-internship, Clinical Neurology, Pathology, Physiology, Histology, Growth & Development

Columbia University
Dean's List
1988-1989, 1989-1990, 1990-1991, 1991-1992

Publications

Huang J, Tan KS, Altorki N, Antonoff M, Blackmon S, Bueno R, Burt B, Demmy T, Evans N, Donahoe L, Harpole D, Jarrar D, Kozower B, Lanuti M, Liberman M, Lin J, Liou D, Liptay M, Luketich J, Pennathur A, Petersen G, Ripley R, Rochefort M, Seder CW, Shrager J, Su S, Tong B, Shargall Y, Vaporciyan A, Waddell T, Weksler B, Wigle D, Yendamuri S, Jones DR. Initial patient characteristics of Thoracic Surgical Oncology Group 102: A multicenter prospective registry of active surveillance in patients with multiple ground-glass opacities. *J Thorac Cardiovasc Surg.* 2025 Apr;169(4):1100-1107. doi: 10.1016/j.jtcvs.2024.09.054. Epub 2024 Oct 10. PMID: 39395785.

Vojtek A, Soller D, Petersen CG. A new Great Mimicker: Sarcoidosis! A Case of Sarcoidosis Imitating Recurrent Metastatic Breast Cancer. Pulmonary Manifestations Case Reports Posters. *Chest*, 2024, Volume 166, Issue 4, A5613. <https://doi.org/10.1016/j.chest.2024.06.3329>.

A. Klele, A. Vojtek, D. Soller, D.A. Fernandez Felix, and C.G. Petersen. Non-tuberculosis Mycobacterium Infections and Pulmonary Artery Aneurysms: Rare Complications of Sickle Cell Disease [abstract]. *Am J Respir Crit Care Med* 2024;209:A6282. https://doi.org/10.1164/ajrccm-conference.2024.209.1_MeetingAbstracts.A6282

E. Friedman, T. Johnson, A. Dally, K. Cavorsi, R. Chang, D. Sopka, C.G. Petersen, F. Sperrazza, D. Soller. EP04.02-04 Screening Success: A Review of Outcomes from Lehigh Valley Health Network's Multi-Disciplinary Lung Cancer Screening Program,. *Journal of Thoracic*

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Oncology, Volume 18, Issue 11, Supplement, 2023, Page S461.
<https://doi.org/10.1016/j.jtho.2023.09.846>.

Lang JB, Peters(o)n CG, Moffat J. Use of the fiberoptic bronchoscope during bronchoscopy to position a supraglottic airway device. *BJA: British Journal of Anaesthesia*, Volume 109, Issue eLetters Supplement, 31 December 2012, https://doi.org/10.1093/bja/el_8499.

Kahan ES, Petersen G, Gaughan JP, Criner GJ. High incidence of venous thromboembolic events in lung transplant recipients. *J Heart Lung Transplant*. 2007 Apr;26(4):339-44. doi: 10.1016/j.healun.2007.01.009. Epub 2007 Mar 2. PMID: 17403474.

Petersen G, Martin U, Singhal A, Criner GJ. Intralobar sequestration in the middle-aged and elderly adult: recognition and radiographic evaluation. *J Thorac Cardiovasc Surg*. 2003 Dec;126(6):2086-90. doi: 10.1016/s0022-5223(03)01297-2. PMID: 14688733.

C Gerard Petersen. The Effect of Abdominal Binding on Weaning a Patient With a Large Ventral Abdominal Wall Hernia. *Chest*. 2003, Volume 124, Issue 4, 312S.
https://doi.org/10.1378/chest.124.4_MeetingAbstracts.312S-a.

Soslow RA, Petersen CG, Remotti H, Altorki N. Acidic fibroblast growth factor is expressed sequentially in the progression from Barrett's esophagus to esophageal adenocarcinoma. *Dis Esophagus*. 2001;14(1):23-7. doi: 10.1111/j.1442-2050.2001.00146.x. PMID: 11422301.

Presentations by Invitation

“Differential Time from Diagnosis to Treatment of Pulmonary Malignancy” Paul S. & Petersen, C.G.
Lehigh Valley Health Network
Allentown, Pennsylvania
March 2024

“A Case of Massive Hemoptysis Due to Pulmonary Aspergilloma”
Bishnoi, S., Vojtek, A., Hayes, C., Karamian, G. & Petersen, C.G.
Lehigh Valley Health Network
Allentown, Pennsylvania
May 2022

IPF Interactive Virtual Seminar
Wescoc Foundation for Pulmonary Fibrosis
Bethlehem, Pennsylvania
September 2021

C. Gerard Petersen, M.D.

Lung Cancer Community Forum
Lehigh Valley Health Network
Allentown, Pennsylvania
November 2021

“The Effect of Abdominal Binding on Weaning a Patient with a Large
Ventral Abdominal Hernia”
CHEST Annual Meeting
Orlando, Florida
October 2003

“Intralobar Sequestration”
Laennec Society of Philadelphia
Philadelphia, Pennsylvania
June 2002

“Diffuse Infiltrative Lymphocytosis Syndrome”
Pathology Grand Rounds
Memorial-Sloan Kettering
New York, New York
January 1998