

Gilbert Berdine, MD

Department of Internal Medicine
Texas Tech University Health Sciences Center
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Education

Fellowship, Pulmonary, Peter Bent Brigham Hospital, Boston, Massachusetts, July 1, 1980 - June 30, 1983.

Resident, Internal Medicine, Peter Bent Brigham Hospital, Boston, Massachusetts, Mentor: Marshall Wolfe, July 1, 1978 - June 30, 1980.

MD, Harvard Medical School, Boston, Massachusetts, Major: Medicine, 1978.

Positions

Consultant, Crown Point LTAC, Lubbock, Texas, 2018 - 2020.

Consultant, Southern Specialty LTAC, Lubbock, Texas, 2018 - 2020.

Medical Director, Respiratory Care, Covenant Medical Center-Lakeside, Lubbock, TX, 2013 - 2020.

Medical Director, Respiratory Care, Texas Specialty Hospital, Lubbock, TX, 2013 - 2020.

Associate Professor, Texas Tech University Health Sciences Center, Lubbock, TX, 2009 - Present.

Private Practice, Decatur, TX, 2002 - 2009.

Assistant Professor, Baylor University Medical Center, Dept of Medicine, Dallas, TX, 2000 - 2002.

Private Practice, Internal Medicine and Pulmonology, East Texas Physicians Alliance, LLP, Palestine, TX, 1989 - 2000.

Staff Physician, Palestine Regional Medical Center, Palestine, TX, 1989 - 2000.

Director, Pulmonary Function Laboratory and Respiratory Care Center, Audie L. Murphy Memorial Veterans Hospital, San Antonio, TX, 1987 - 1989.

Assistant Professor of Medicine, The University of Texas Health Sciences Center, San Antonio, TX, 1983 - 1989.

Staff Physician, Audie L. Murphy Memorial Veterans Hospital, San Antonio, TX, 1983 - 1989.

Instructor in Medicine, Harvard University of Medicine, Boston, MA, 1978 - 1983.

Licensures and Certifications

Board Certification in Pulmonary Diseases, American Board of Internal Medicine (ABIM), start: November 13, 1984.

Physician Permit, Texas, February 26, 1984. (Active)

Board Certification in Internal Medicine, American Board of Internal Medicine (ABIM), start: September 14, 1983.

Controlled Substance, Texas. (Active)

Drug Enforcement Administration (DEA), Texas. (Active)

Awards and Honors

Dean's Basic Science Teaching - Yr 1 Award, Texas Tech University Health Sciences Center (2015)

Outstanding Clerkship Educator, Texas Tech University Health Sciences Center (2014, 2012)

Faculty Development

Faculty Development Course, Grading Students and Residents, Texas Tech University Health Sciences Center, Lubbock, Texas, 2015 - Present.

Continuing Education Program, Academy of Communication in Health Care - Relationship Centered Communication: Improving Patient and Clinician Experiences, Texas Tech University Health Sciences Center, School of Medicine, Lubbock, Texas, August 2020.

Faculty Leadership Study Group, Texas Tech University Health Sciences Center, Lubbock, Texas, 2015, 2018.

FDC - Ethics, Narrative Ethics, Texas Tech University Health Sciences Center, School of Medicine, Lubbock, Texas, May 2016, May 2018.

Continuing Education Program, Difficult Dialogues: "Success through engagement, leadership, and social change. Health Care Reform.", April 2015.

FDC - Ethics, Texas Tech University Health Sciences Center, Lubbock, Texas, 2010, 2013.

FDC - MPIP 101, Texas Tech University Health Sciences Center, Lubbock, Texas, 2009.

CLINICAL SERVICE

Clinical Practice

Texas Tech University Health Sciences Center, Lubbock, Texas, 2009 - Present: Consult Servie-12 half days/month/year; Pulmonary Clinic-4.5 half day clinics/week.

H @ P, Laboratory and data, treatment, and follow-up, June 1, 2009 - Present.

Texas Tech University Health Sciences Center, Lubbock, Texas, 2009 - Present: Pulmonary Fellow Clinic: Supervise 1 half day fellow clinic/week.

H @ P, Laboratory and data, treatment, and follow-up, June 1, 2009 - Present.

Hospital Appointments

Southwest Regional Medical Complex, Lubbock, Texas, September 2009 - Present.

Texas Specialty Hospital, Lubbock, Texas, September 2009 - 2020.

University Medical Center (UMC), Lubbock, Texas, June 1, 2009 - Present.

Clinical Leadership

Alpha Sleep Labs, Director of Clinical Service, 2018 - Present.

TEACHING

Education Administration

MSCI 6103, Systems Disorders I, Texas Tech University Health Sciences Center, January 2, 2015 - Present.

Assistant Director, January 2, 2015 - Present.

Teaching Experience

MINT 20020 7101, Internal Medicine Clerkship, Texas Tech University Health Sciences Center, Medical Education, 2010.
 Chronic Obstructive Pulmonary Disease, 2010
 Pulmonary Vascular Disease, 2010

Independent Study

MSCI 6108, Integrated Neurosciences - ISS, Texas Tech University Health Sciences Center, Medical Education, Fall, 2017.
 Sleep, 2017

MSCI 6103, System Disorders I - Independent Study Sessions, Texas Tech University Health Sciences Center, Medical Education, Spring, 2018.

Airflow Obstruction Normal Physiology, 2018

Airflow Obstruction Pathophysiology, 2018

COPD and Asthma, 2018

COPD and Asthma Drugs, 2018

Hypertension Diagnosis, 2018

Normal Chest X-ray, 2018

Obstruction Overview, 2018

Overview of Restriction, 2018

PFT Interpretation Normal, 2018

PFT Interpretation Restriction, 2018

Pulmonary Embolism Diagnosis, 2018

Pulmonary Embolism Overview, 2018

Pulmonary Embolism Therapy, 2018

Pulmonary Hypertension Overview, 2018

Pulmonary Hypertension Therapy, 2018

Review of Arterial Blood Gases, 2018

Review of Spontaneous Breathing, 2018

MSCI 6103, System Disorders I, Texas Tech University Health Sciences Center, Medical Education, Spring, 2018.

Apply the Learning, Case Discussion, 2018

Blood Gas Workshop, 2018

Case Study with Patient Interview, 2018

Imaging Workshop, 2018

Importance of the Medical History, 2018

Multi-Day Case Introduction, 2018

Pulmonary Overview, 2018

Q&A Restrictive Disease, 2018

Q&A Vascular Disease and Respiratory Failure, 2018

Q&A on Infectious Disease, 2018

Q&A on Malignant Disease, 2018

Q&A on Obstructive Disease, 2018

Test Your Learning, Infectious Disease, 2018

Test Your Learning, Malignant Disease, 2018

Test Your Learning, Obstructive Disease, 2018

Test Your Learning, Restrictive Disease, 2018

Test Your Learning, Vascular Disease and Respiratory Failure, 2018

Lecture

MSCI 6108, Integrated Neurosciences, Texas Tech University Health Sciences Center, Medical Education, Fall, 2017.
 Sleep, 2017

MINT 20020 7101, Internal Medicine Clerkship, Texas Tech University Health Sciences Center, Medical Education, 2011 - 2012.

Chronic Obstructive Pulmonary Disease, 2011 - 2012

Pulmonary Vascular Disease, 2011 - 2012

MS1 Lecture - Pulmonary Mechanics-Dynamics, Texas Tech University Health Sciences Center, Medical Education, Number Enrolled: 150, 2014.

MS1 Lecture - Pulmonary Mechanics-Statics, Texas Tech University Health Sciences Center, Medical Education, Number Enrolled: 160, 2014.

MS1 Lecture Mechanics of Ventilation, Texas Tech University Health Sciences Center, Medical Education, Number Enrolled: 160, 2013.

MS1 Lecture Pulmonary Mechanics, Texas Tech University Health Sciences Center, Medical Education, Number Enrolled: 160, 2014.

MS1 Lecture Pulmonary Review, Texas Tech University Health Sciences Center, Medical Education, Number Enrolled: 160, 2013 - 2014.

MS1 Lecture Ventilation-Perfusion Relationships, Texas Tech University Health Sciences Center, Medical Education, Number Enrolled: 160, 2013 - 2014.

MS2 Lecture Pulmonary Vascular Disease, Texas Tech University Health Sciences Center, Medical Education, 2013.

MS2 Lecture Sleep, Texas Tech University Health Sciences Center, Medical Education, 2013.

MS2 Lecture-COPD, Texas Tech University Health Sciences Center, Medical Education, Number Enrolled: 150, 2014.

MS2 Lectures, Texas Tech University Health Sciences Center, Medical Education, 2012.

MSIII - COPD, Texas Tech University Health Sciences Center, Medical Education, Number Enrolled: 20, 2015.

Pulmonary Fellow Physiology Course, Texas Tech University Health Sciences Center, Fellow Education, 2012.
Physiology Course, 2012

Pulmonary Fellow Sleep Course #2, Texas Tech University Health Sciences Center, Fellow Education, Number Enrolled: 4, 2013.
Sleep Course, 2013

Pulmonary Fellow Sleep Course, Texas Tech University Health Sciences Center, Fellow Education, 2012.
Sleep Course, 2012

Pulmonary Physiology Course, Texas Tech University Health Sciences Center, Fellow Education, Number Enrolled: 10, 2015, 2018.

MSCI 5103, Structure and Function of Major Organ Systems (MOS), Texas Tech University Health Sciences Center, Medical Education, Number Enrolled: 150, Spring, 2015, 2018.
Independent Study Session: Ventilation and Mechanics, 2018
Mechanics of Ventilation, 2015, 2018
Review Session: Unit 2, 2015, 2018
Ventilation Perfusion, 2015

Non-Credit Instruction

Clinical Teaching

Pulmonary Inpatient Consultation Service, University Medical Center, June 1, 2009 - Present.

General Medicine, Texas Tech University Health Sciences Center, 2015.

Pulmonary Consult Service, Texas Tech University Health Sciences Center, 2015.

Pulmonary Fellow Clinic, Texas Tech University Health Sciences Center, 2015.

Sleep Study Interpretation Service, Texas Tech University Health Sciences Center, 2015.

General Medicine Attending Physician, University Medical Center, July 1, 2011 - June 30, 2012.

General Medicine Attending Physician, University Medical Center, July 1, 2010 - June 30, 2011.

Continuing Education

Internal Medicine Annual Update, Texas Tech University Health Sciences Center, 2015.

Educational Activities for the Lay Public

Radio, KRFE Lubbock 580 AM, Guest Speaker on Todd Klein Radio Show talking on "Economics of Healthcare", December 10, 2009.

Alpha 1 Antitrypsin Support Group Lecture, February 9, 2013.

Better Breathers Club, COPD, Texas Tech University Health Sciences Center, 2012.

Better Breathers Club, Emphysema and Infections, Texas Tech University Health Sciences Center, August 12, 2012.

Grand Rounds

Department of Internal Medicine, Texas Tech University Health Sciences Center, 2015.

The Normal Distribution, Texas Tech University Health Sciences Center, February 21, 2013.

History & Theory of Mechanical Ventilation, Texas Tech University Health Sciences Center, October 4, 2012.

The Supreme Court Ruling on Obama Care, Texas Tech University Health Sciences Center, July 12, 2012.

Acquisition of Knowledge: Reason vs. Experiment, Texas Tech University Health Sciences Center, December 8, 2011.

Exercise Physiology, Texas Tech University Health Sciences Center, September 29, 2011.

Economics of Health Care, Texas Tech University Health Sciences Center, July 14, 2011.

Lectures

The Hippocratic Oath: Medical Ethics Then And Now, Texas Tech University Health Sciences Center, December 10, 2013.

Annual Review of Internal Medicine Lecture, Texas Tech University Health Sciences Center, 2012.

Review Course

Internal Medicine CXR Weekly Challenge, Texas Tech University Health Sciences Center, January 1, 2012 - 2013.

Directed Student Learning

Graduate Committee Memberships

Ray March, Dissertation Committee Member, School of Business, 2015 - Present.

Mentoring and Advising

Medical Student

Medical Students (3-4/year), 2014 - Present.

Education Committees

Intramural

SOM - Educational Policy Committee, TTUHSC-SOM, 2018 - Present.
Committee Member

SOM - Year 1 & 2: Education Operations Committee, TTUHSC-SOM, August 2013 - Present.
Committee Member, 2013 - Present

Innovations in Education

Teaching Videos, Texas Tech University Health Sciences Center, November 2020.

Video for MSI and MSII Lectures, Block, Texas Tech University Health Sciences Center, 2012.

Internal Medicine Chest X-Ray Weekly Challenge, Course, Texas Tech University Health Sciences Center, November 21, 2011.

SERVICE

Administrative

Hospital

UMC - Utilization Committee, University Medical Center (UMC), Lubbock, Texas, 2018 - Present.
Committee Member

Public

Local

Texas Specialty Hospital Medical Executive Committee, 2013 - Present.
Committee Member, 2013 - Present

Free Clinic, 2009 - Present.

Supervising Physician, 2009 - Present

SCHOLARSHIP

Extramural Professional Service

Editor or Member of Editorial Boards

Southwest Respiratory and Critical Care Chronicles, Member of Editorial Board, 2015 - Present.

Manuscript Reviewer

The American Journal of Medical Sciences, Manuscript Reviewer, 2018 - Present.

Publications

Articles and Case Reports

Peer Reviewed

Berdine G. Coronavirus and health care economics. *Southwest Respiratory and Critical Care Chronicles (SWRCCC)*, 8(34): 64-65, 2020.

Berdine G. Multiplicity and statistical significance. *Southwest Respiratory and Critical Care Chronicles (SWRCCC)*, 8(34): 61-63, 2020.

Berdine G. Universal Access to Affordable Health Care. *Pulmonary Chronicles*, 8(34): 65-67, July 24, 2020.

Berdine G. COVID-19 Lockdowns are Neither Necessary, nor Scientific, nor Helpful. *Mises Wire*, June 15, 2020.

Nugent KM, **Berdine G**, Test V. What is the Next Step in a Patient With an Undiagnosed Exudative Pleural Effusion? *The American Journal of Medical Sciences*, 360(3): 211-212, May 30, 2020.

Lado-Abeal J, Diaz C, **Berdine G**, Iwuji K, Araujo-Vilar D, Lampon-Fernandez N, Wang M-H, Lojo S, Rodriguez-Perez A, Rivas AM. High prevalence of non-thyroidal illness syndrome in patients at long-term care facilities. *Endocrine*, April 28, 2020.

Berdine G. Likely consequences of Medicare for all. *Elsevier*, 357(4): 352-353, April 2019.

Green WC, **Berdine G**. Eggshell calcifications on a routine chest x-ray. *The Southwest Respiratory and Critical Care Chronicles*, 7(27): 75-76, January 2019.

Berdine G. Challenges of treating hypercapnic respiratory failure with non-invasive ventilation from hospital to home. *The Southwest Respiratory and Critical Care Chronicles*, 7(27): 83-85, January 2019.

- Yang S, Berdine G. Cluster Analysis. *The Southwest Respiratory and Critical Care Chronicles*, 6(26): 37-40, 2018.
- Nugent C, **Berdine G.** Eaters of Opium. *The Southwest Respiratory and Critical Care Chronicles*, 6(23): 10-11, 2018.
- Berdine G.** Sustainable Health Insurance. *The Southwest Respiratory and Critical Care Chronicles*, 6(25): 63-68, 2018.
- Edriss H, **Berdine G.** Empyema necessitatis secondary to Staphylococcus aureus lung abscess. *The Southwest Respiratory and Critical Care Chronicles*, 2018.
- Yang S, **Berdine G.** The receiver operating characteristic (ROC) curve. *The Southwest Respiratory and Critical Care Chronicles*, 5(19):, 2018.
- Nugent C, Berdine G. Media Literacy. *The Southwest Respiratory and Critical Care Chronicles*, 6(25):, July 2018.
- Berdine G.** Affordable health care: What it means and how do we fix our current unaffordable system. *The Southwest Respiratory and Critical Care Chronicles*, 2017.
- Berdine G.** Is Healthcare a Human Right? No. *The American Journal of the Medical Sciences*, November 2017.
- Schwalk A, **Berdine G.** Pulmonary artery aneurysm secondary to congenital pulmonic valve stenosis. *Southwest Respiratory and Critical Care Chronicles (SWRCC)*, October 2017.
- Copeland S, Kambali S, **Berdine G,** Alalawi RH. Electromagnetic navigational bronchoscopy in patients with solitary pulmonary nodules. *Southwest Respiratory and Critical Care Chronicles (SWRCC)*, 5(17): 12-16, January 2017.
- Berdine G.** Uncertainty and the welfare economics of medical care: an Austrian rebuttal Part 2. *Southwest Respiratory and Critical Care Chronicles (SWRCC)*, 5(17): 63-67, January 2017.
- Berdine G.** COUNTERPOINT: Should Pulmonary/ICU Physicians Support Single-payer Health-care Reform? No. *Chest*, 150(1): 11-4, July 2016. PubMed Central ID Number: 27396773
- Berdine G.** Obstructive sleep apnea: past, present and future., 4(15): 58-62, July 2016.
- Berdine G.** Rebuttal From Dr Berdine. *Chest*, 150(1): 15-6, July 2016. PubMed Central ID Number: 27396775
- Berdine G.** Medicare Finances: A Review. *The Southwest Respiratory and Critical Care Chronicles*, 4(14): 26-31, April 2016.
- Berdine G.** Affordable Care Act: 2016 Update. *The Southwest Respiratory and Critical Care Chronicles*, 4(13): 20-22, January 15, 2016.
- Yang S, **Berdine G.** Outliers. *The Southwest Respiratory and Critical Care Chronicles*, 4(13): 52-56, January 15, 2016.
- Warmoth T, **Berdine G.** Pleural Fluid: Visual Appearance and Etiology. *The Southwest Respiratory and Critical Care Chronicles*, 4(13): 26-27, January 15, 2016.
- Yang S, **Berdine G.** Model Selection and model over-fitting. *The Southwest Respiratory and Critical Care Chronicles*, 3(12): 52-55, October 2015.
- Berdine G,** Yang S. An example of count data analysis. *The Southwest Respiratory and Critical Care Chronicles*, 3(11): 55-59, July 2015.
- Berdine G.** Intellectual Property and Pharmaceutical Prices in the United States. *The Southwest Respiratory and Critical Care Chronicles*, 3(11): 29-32, July 2015.

- Argueta E, Pena C, **Berdine G**, Nugent KM. FloTrac® Monitoring System: What Are Its Uses in Critically-ill Medical Patients? *The American Journal of the Medical Sciences*, 349(4): 352-356, April 2015.
- Yang S, **Berdine G**. Poisson Regression. *The Southwest Respiratory and Critical Care Chronicles*, 3(9): 61-64, January 2015.
- Berdine G**. The Hippocratic Oath and Principles of Medical Ethics. *The Southwest Respiratory and Critical Care Chronicles*, 3(9): 28-32, January 2015.
- Berdine G**, Yang S. Linear Regression. *The Southwest Respiratory and Critical Care Chronicles*, 2(6): 61-63, April 2014.
- Edriss H, **Berdine G**. Pulmonary Function Testing. *The Southwest Respiratory and Critical Care Chronicles*, 2(6): 56-60, April 2014.
- Berdine G**. The Case for a Market for Transplantable Organs. *The Southwest Respiratory and Critical Care Chronicles*, 2(6): 23-24, April 2014.
- Berdine G**, Nantsupawat N. Bullous Lung Disease. *The Southwest Respiratory and Critical Care Chronicles*, 1(2): 28-29, 2013.
- Berdine G**. Clinical Staging of COPD. *Southwest Respiratory and Critical Care Chronicles*, 1(2): 44-45, 2013.
- Berdine G**. Kartagener's Syndrome: recurring lung infections and COPD exacerbations. *Southwest Respiratory and Critical Care Chronicles*, 1(1): 29, 2013.
- Kambali S, **Berdine G**. Pitfalls of Split-Night Polysomnography. *The Southwest Respiratory and Critical Care Chronicles*, 1(3): 36-39, 2013.
- Berdine G**. The Supreme Court Decision on Obama Care Part I: The Impact on U.S. Health Care. *Southwest Respiratory and Critical Care Chronicles*, 1(1): 26-28, 2013.
- Berdine G**. The Supreme Court Decision on Obama Care Part II: The Impact on U.S. Health Care. *Southwest Respiratory and Critical Care Chronicles*, 1(2): 20-22, 2013.
- Berdine G**. The Supreme Court Decision on Obama Care Part III: The Unintended Consequences on the Already Insured. *Southwest Respiratory and Critical Care Chronicles*, 1(3): 22-24, 2013.
- Gadwala S, **Berdine G**. Diaphragmatic Paralysis. *Southwest Respiratory and Critical Care Chronicles*, 1(4): 37-38, October 15, 2013.
- Ussavarungsi K, Limsuwat C, **Berdine G**, Nugent KM. Is the sinonasal questionnaire a useful screening instrument for chronic sinonasal diseases in pulmonary clinics. *Chronic Respiratory Disease*, 10(2): 95-98, May 2013.
- Berdine G**, Johnson JE, Dale D, Lehr JL. Diffusivity dependence of multiple-breath washouts of lung periphery. *J Appl Physiol*, 68: 1228-1232, 1990.
- Berdine G**, Strollo PJ. Effect of mechanical load on tidal volume during high frequency jet ventilation. *J Appl Physiol*, 64: 1217-1222, 1988.
- Berdine G**, Lehr JL, Strolle PJ. Multiple gas washouts during jet ventilation. *J Appl Physiol*, 65: 2075-2079, 1988.
- Berdine G**, Simmons RS, Seidenfeld JJ, Prihoda TJ, Harris GD, Smith JD, Gilbert TJ, Mota E, Johanson WG. Fluid balance and the acute respiratory distress syndrome. *Am Rev Respir Dis*, 135: 924-929, 1987.

Berdine G, Anzueto A, Moore GT, Gleiser C, Johnson D, White CC, Johanson WG. Pathophysiology of soman intoxication in primates. *Toxicol Appl Pharmacol*, 86: 56-68, 1986.

Berdine G, Lehr JL, Drazen JM. Nonuniformity of canine lung washout by high frequency ventilation. *J Appl Physiol*, 61: 1388-1394, October 1986.

Berdine G, Slutsky AS, Drazen JM. Oscillatory flow and quasisteady behavior in a model of human central airways. *J Appl Physiol: Respirat Environ, Exercise Physiol*, 50: 1293-1299, 1981.

Berdine G, Slutsky AS, Drazen JM. Steady flow in a model of human central airways. *J Appl Physiol: Respirat Environ, Exercise Physiol*, 49: 417-423, 1980.

Non-Peer Reviewed

Berdine G. U.S. Health Care Expenditures. *Pulmonary Chronicles*, 8(33): 68-69, February 9, 2020.

Berdine G. Mises Wire. *The Case Against Pharma Patent Monopolies*, November 13, 2018.

Yang S, **Berdine G**. Non-parametric tests. *The Southwest Respiratory and Critical Care Chronicles*, 2(8): 63-37, September 2014.

Berdine G. Pulmonary Embolism in Patients with Chronic Lung Disease. *The Southwest Respiratory and Critical Care Chronicles*, 2(8): 68-69, September 2014.

Berdine G. So-Called Market Failure in Health Care. *The Southwest Respiratory and Critical Care Chronicles*, 2(8): 35-37, September 2014.

Yang S, **Berdine G**. Categorical Data Analysis- Logistic Regression. *The Southwest Respiratory and Critical Care Chronicles*, 2(7): 51-54, July 15, 2014.

Berdine G. Medicine and Health Policy: Supply and Demand: Government Interface with the Unhampered Market in the U.S. Health Care. *The Southwest Respiratory and Critical Care Chronicles*, 2(7): 21-24, July 15, 2014.

Berdine G. Medicare and the U.S. Unfunded Liability. *The Southwest Respiratory and Critical Care Chronicles*, 2(5): 16-18, January 2014.

Berdine G. A study to define the optimal jet ventilator settings for nerve agent casualty. 1989.

Books, Chapters in Books and Monographs

Berdine G, Dipaola M, Weinberg M. Economic and Regulatory Perspectives on Additive Manufacturing *In: 3D Printing in Orthopaedic Surgery*, Elsevier, Inc., 2019. **(Peer reviewed)**

Berdine G, Rodriguez RM. Methods of Mechanical Ventilation *In: Contemporary Management of Internal Medicine*, Stephen G Jenkinson (eds), Churchill Livingstone, Inc, New York, New York, 93-108, 1990. **(Peer reviewed)**

Anderson J, Anvari R, **Berdine G**, Cevik C, Frederick H, Mishra R, Nourbakhsh E, Nugent KM. A Bedside Guide to Mechanical Ventilation, K. Nugent, E. Nourbakhsh (eds), 2011. **(In Press)**

Abstracts

Peer Reviewed

Jaroudi S, Yang S, **Berdine G**. Trends in emergency department visits in Lubbock from 2011-2017. *The Southwest Respiratory and Critical Care Chronicles*, 7(27): 50-54, January 2019.

Kopel J, **Berdine G**. Winters's formula revisited. *The Southwest Respiratory and Critical Care Chronicles*, 7(27): 43-49, January 2019.

Copeland S, Schwalk A, Suchartlikitwong S, Yang S, **Berdine G**. Indwelling pleural catheters for recurrent pleural effusions: A useful clinical tool with serious implications. *The Southwest Respiratory and Critical Care Chronicles*, 6(25): 8-13, 2018.

- Berdine G.** Opioids: Government intervention and black markets. *The Southwest Respiratory and Critical Care Chronicles*, 6(23): 28-32, 2018.
- Berdine G.** Uncertainty and the Welfare Economics of Medical Care: An Austrian Rebuttal-Part 3. *The Southwest Respiratory and Critical Care Chronicles*, 2018.
- Berdine G.** Charity vs. Government Health Care. *The Southwest Respiratory and Critical Care Chronicles*, 6(26): 51-57, October 2018.
- Berdine G.** Thoracentesis: A case study in the failure of cost containment. *The Southwest Respiratory and Critical Care Chronicles*, 5(20): 50-53, 2017.
- Islam E, Limsuwat C, Nantsupawat T, **Berdine G**, Nugent KM. The association between glucose levels and hospital outcomes in patients with chronic obstructive pulmonary disease. *Journal of Investigative Medicine*, 61(2): S225, pg. 436, February 2013.
- Berdine G**, Strollo PJ. Effect of mechanical load on high frequency jet ventilation (HFJV). *Fed Proc*, 46: 1425, 1987.
- Berdine G**, Anzuero A, Moore GT, White CD, Johanson JR WG. Etiology of respiratory failure in organophosphate intoxication. *Am Rev Respir Dis*, 131: A297, 1985.
- Berdine G**, Anzueto A, Moore GT, White CD, Johanson JR WG. The hemodynamic sequelae of organophosphate intoxication and effect of atropine therapy. *Fed Proc*, 44: 512, 1985.
- Berdine G**, Anzueto A, Moore GT, Johnson JR WG. Abnormal ventilatory control following organophosphate intoxication. *Clin Res*, 32: 855A, 1984.
- Berdine G**, Anzuero A, Moore GT, White CD, Johanson JR WG. Effect of atropine in hemodynamic consequences of organophosphate intoxication. *Clin Res*, 955A:, 1984.
- Berdine G**, Drazen JM, McKinley D, Lehr JL. Ethane washout along central airway axial paths during high frequency ventilation. *Am Rev Respir Dis*, 129: 229, 1984.
- Berdine G**, Anzueto A, Johnson JR WG. Physiologic effects of organophosphate poisoning in primates. *Fed Proc*, 43: 637, 1984.
- Berdine G**, Lehr JL, Drazen JM. Ethane washout by high frequency (2-10Hz) low volume (20-100 ml) ventilation (HFV) in excised dog lungs. *Fed Proc*, 42: 763, 1983.

Other Publications

- Nugent KM, **Berdine G**. Oxygen supplementation targets in patients with acute respiratory failure. *Southwest Respiratory and Critical Care Chronicles (SWRCCC)*, 8(34): 1-3, 2020. Editorial (**Peer Reviewed**)
- Yang S, **Berdine G**. Fragility Index. *The Southwest Respiratory and Critical Care Chronicles*, 7(27): 77-79, January 2019. (**Peer Reviewed**)
- Berdine G**. The economics of US healthcare. October 3, 2011.
- Berdine G**. Healthcare and insurance on a desert island. October 20, 2009.

Presentations/Exhibits/Productions

- Berdine G**, Edriss H. PARATHYROID ADENOMA WITH SEVERE SYMPTOMATIC HYPERCALCEMIA AND IMPAIRED KIDNEY FUNCTION Southern Regional Meeting, Southern Society for Clinical Investigation, New Orleans, LA, February 20, 2014. (**Peer Reviewed**)
- Berdine G**. CXR Challenge: Teaching Radiograph Interpretation Via the Internet 2012 AAMC Meeting, AAMC, San Francisco, CA, November 4, 2013.

Ussavarungsi K, Limsuwat C, **Berdine G**, Nugent KM. Is the Sinonasal Questionnaire a useful screening instrument for chronic sinonasal diseases in pulmonary clinics Southern Regional Meeting, Southern Society for Clinical Investigation, New Orleans, LA, February 17, 2011. **(Peer Reviewed)**

Islam E, Limsuwat C, Islam S, **Berdine G**, Nugent KM. Steroids induce hyperglycemia in patients with acute exacerbations of chronic obstructive pulmonary disease Southern Regional Meeting, Southern Society for Clinical Investigation, New Orleans, LA, February 17, 2011. **(Peer Reviewed)**