

# Miners' Wellness TeleECHO Resource Library

## Websites:

- [Trends and Patterns of Differences in Chronic Respiratory Disease Mortality Among US Counties](#)
- [Lung Pathology in U.S. Coal Workers with Rapidly Progressive Pneumoconiosis Implicates Silica and Silicates](#)
- [U.S. Department of Labor Website- Office of Workers' Compensation Programs](#)
- [Enter the site exposure matrix \(SEM\) website for EEOICP Sites](#)

## Published Articles:

- [Telementoring multidisciplinary professional groups improves their self-efficacy in the care of miners](#)
- [A Virtual 'Community of Practice' Approach by Rural Stakeholders in Managing Pneumoconiosis in the United States: A cross sectional analysis. Rural and Remote Health](#)

Session Date: November 10 2021	
Topic:	Antifibrotics and Dust-Related Progressive Fibrotic Lung Diseases
Presenter:	Rahul Sangani, MD
Session Video:	<a href="#">Video Link</a>
Slides:	<a href="#">Link to Slides</a>

Session Date: October 27 2021	
Topic:	Chest Radiographic Diagnosis of Pneumoconiosis
Presenter:	David Lynch, MB, BCh
Session Video:	<a href="#">Video Link</a>
Slides:	<a href="#">Link to Slides</a>

Session Date: October 13 2021	
Topic:	Safety of Spirometry During the Pandemic - ACOEM Guidance
Presenter:	Kyla LeSuer, BS, RRT, CPFT, AEC
Session Video:	<a href="#">Video Link</a>
Slides:	<a href="#">Link to Slides</a>
Reading Material:	<a href="#">Link to Material</a>

Session Date: September 8 2021	
Topic:	PreCOPD: What is it and why it matters?
Presenter:	MeiLan Han, MS, PhD
Session Video:	<a href="#">Video Link</a>

Slides:	<a href="#">Link to Slides</a>
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Session Date: August 25 2021	
Topic:	Exposure Evaluation for Former Nuclear Workers: BTMed Approach
Presenter:	John Dement, PhD, CIH
Session Video:	<a href="#">Video Link</a>
Slides:	<a href="#">Link to Slides</a>

Session Date: August 11 2021	
Topic:	Work requirements of mining jobs
Presenter:	Phil Harber, MD
Session Video:	<a href="#">Video Link</a>
Slides:	<a href="#">Link to Slides</a>

Session Date: July 28 2021	
Topic:	Is it time to pharmacologically treat corpulmonale in miners with pulmonary fibrosis?
Presenter:	Sarah Medrek, MD
Session Video:	coming soon
Slides:	<a href="#">Link to Slides</a>

Session Date: July 14 2021	
Topic:	COVID testing and vaccination in miners
Presenter:	William "Cotton" Jarrell, CMSP
Session Video:	<a href="#">Video Link</a>
Slides:	<a href="#">Link to Slides</a>

Session Date: June 23, 2021	
Topic:	Hard metal lung disease
Presenter:	Sean Callahan, MD
Session Video:	<a href="#">Video Link</a>
Slides:	<a href="#">Link to Slides</a>

Session Date: June 9, 2021	
Topic:	Hygiene and Infection Control During Pulmonary Function Testing
Presenter:	Matt O'Brien, MS, RRT, RPFT, FAARC
Session Video:	<a href="#">Video Link</a>
Slides:	<a href="#">Link to Slides</a>

Session Date: May 26, 2021	
Topic:	Is rheumatoid arthritis in miners an occupational disease?
Presenter:	Paul Blanc, MD, MSPH
Session Video:	<a href="#">Video Link</a>
Slides:	<a href="#">Link to Slides</a>

Materials:	<ul style="list-style-type: none"> <li><a href="#">Prevalence of Arthritis and Rheumatoid Arthritis in Coal Mining Counties of the U.S.</a></li> </ul>
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Session Date: May 12, 2021	
Topic:	What is mixed dust pneumoconiosis?
Presenter:	Andrew Churg, MD, PhD
Session Video:	<a href="#">Video Link</a>
Slides:	<a href="#">Link to Slides</a>

Session Date: April 28, 2021	
Topic:	Environmental health effects of radiation fallout from nuclear testing
Presenter:	R. Hugh Stephens, Esq.
Session Video:	<a href="#">Video Link</a>
Slides:	<a href="#">Link to Slides</a>

Session Date: April 14, 2021	
Topic:	How should physicians handle cross-examinations by lawyers?
Presenter:	Timothy MacDonnell, JD
Session Video:	<i>Not available</i>
Slides:	<i>Not available</i>

Session Date: March 24, 2021	
Topic:	GLI: Is it time to adopt a new spirometric reference standard?
Presenter:	Matt Hegewald, MD, FCCP
Session Video:	<a href="#">Video Link</a>
Slides:	<a href="#">Link to Slides</a>

Session Date: March 10, 2021	
Topic:	Why do providers STRUGGLE to care for patients with occupational diseases?
Presenter:	Kavita Rajasekhar, MD, MPH
Session Video:	<a href="#">Video Link</a>
Slides:	<a href="#">Link to Slides</a>

Session Date: February 24, 2021	
Topic:	RECA is ending! How will that affect energy workers?
Presenter:	Jason Bougere, JD
Session Video:	<a href="#">Video Link</a>
Slides:	<a href="#">Link to Slides</a>
Materials:	<ul style="list-style-type: none"> <li><a href="#">85 FR 79118 Procedures for Claims Submitted at the Statutory Filing Deadline</a></li> </ul>

Session Date: February 10, 2021	
Topic:	Pulmonary fibrosis in nuclear weapons workers
Presenter:	Lee Newman, MD
Session Video:	<a href="#">Video Link</a>
Slides:	<a href="#">Link to Slides</a>

Materials:	<ul style="list-style-type: none"> <li>• <a href="#">Morphological features of pulmonary fibrosis in workers occupationally exposed to alpha radiation</a></li> </ul>
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Session Date: January 27 2021	
Topic:	Defining obstruction – Are GOLD guidelines relevant?
Presenter:	David M. Mannino III, MD, FCCP, FERS
Session Video:	<a href="#">Video Link</a>
Slides:	<a href="#">Link to Slides</a>

Session Date: January 13, 2021	
Topic:	What is mine dust? A mineralogist perspective and why it matters
Presenter:	Pedram Roghanchi, PhD
Session Video:	<a href="#">Video Link</a>
Slides:	<a href="#">Link to Slides</a>
Materials:	<ul style="list-style-type: none"> <li>• <a href="#">As Their Numbers Grow, COVID-19 “Long Haulers Stump Experts</a></li> <li>• <a href="#">Key Highlights of the Canadian Thoracic Society’s Position Statement on the Optimization of COPD Management During the Coronavirus Disease 2019 Pandemic</a></li> </ul>

Session Date: December 09, 2020	
Topic:	Do’s and Don’ts of Taking a Detailed Occupational History
Presenter:	Lynda D. Glagola, B.S., RRT
Session Video:	<a href="#">Video Link</a>
Slides:	<a href="#">Link to Slides</a>
Materials:	<a href="#">Employment Questionnaire &amp; Work History Worksheet</a>

Session Date: November 11, 2020	
Topic:	What is mine dust? A legal definition
Presenter:	BRUCE R. WISSORE, MA, MS, MA, PHD, JD
Session Video:	<a href="#">Video Link</a>
Slides:	<a href="#">Link to Slides</a>
Materials:	<a href="#">Bruce Wissore: A community –of-practice approach in managing pneumoconiosis in the USA</a>

Session Date: October 28, 2020	
Topic:	Current miner surveillance during the COVID-19 pandemic
Presenter:	Matthew Pedersen-Howard
Session Video:	<a href="#">Video Link</a>
Slides:	Unavailable

Session Date: October 14, 2020	
Topic:	Overlooked Role of Histopathology in Dust-related lung disease
Presenter:	Jerrold L. Abraham

Session Video:	<a href="#">Video Link</a>
Slides:	<a href="#">Link to Slides</a>
Materials:	<a href="#">Application of the 15 Year Presumption Contained at 30 U.S.C. &amp;921 (c)(4) to Above Ground Coal Miners</a>

Session Date: September 09, 2020	
Topic:	Significant Spirometry Developments: 2019-2020
Presenter:	Mary Townsend, DrPH
Session Video:	<a href="#">Video Link</a>
Slides:	<a href="#">Link to Slides</a>

Session Date: August 26, 2020	
Topic:	Rural COPD- A different disease than urban COPD?
Presenter:	Sarath Raju, MD, MPH
Session Video:	<a href="#">Video Link</a>
Slides:	<a href="#">Link to Slides</a>

Session Date: August 12, 2020	
Topic:	Understanding How to Navigate Under RECA and the EEOICPA
Presenter:	Angela Hays, MBA
Session Video:	<a href="#">Video Link</a>
Slides:	<a href="#">Link to Slides</a>

Session Date: July 22, 2020	
Topic:	A Unique Clinical Presentation of Asbestosis from Libby Vermiculite Exposures
Presenter:	Albert Miller, MD
Session Video:	<a href="#">Video Link</a>
Slides:	<a href="#">Link to Slides</a>

Session Date: July 08, 2020	
Topic:	The idiocy of the term 'idiopathic' in pulmonary fibrosis
Presenter:	Mridu Gulati, MD
Session Video:	<a href="#">Video Link</a>
Slides:	<a href="#">Link to Slides</a>

Session Date: June 24, 2020	
Topic:	Grading the Utility of Spirometry Testing Session: The 2019 Update
Presenter:	Kevin McCarthy, RPFT
Session Video:	<a href="#">Video Link</a>
Slides:	<a href="#">Link to Slides</a>

<b>Session Date: May 27, 2020</b>	
Topic:	RECA compensation - Legal trends and labels
Presenter:	Attorney Kevin Martinez (EK)
Session Video:	<a href="#">Video Link</a>
Slides:	<a href="#">Link to Slides</a>
Materials:	<ul style="list-style-type: none"> <li>• <a href="#">Nephrotoxicity of Uranium: Pathophysiological, Diagnostic and Therapeutic Perspectives</a></li> <li>• <a href="#">Associations of renal function with urinary excretion of metals: Evidence form NHANES 2003 - 2012</a></li> <li>• <a href="#">Assessing potential risks from exposure to natural uranium in well water</a></li> </ul>

<b>Session Date: May 27, 2020</b>	
Topic:	Telehealth for miners
Presenter:	Charles Pollard
Session Video:	<a href="#">Video Link</a>
Slides:	<a href="#">Link to Slides</a>

<b>Session Date: May 13, 2020</b>	
Topic:	A quality spirometer: A necessary first step for a quality test
Presenter:	Brian Ansell
Session Video:	<a href="#">Video Link</a>
Slides:	<a href="#">Link to Slides</a>
Materials:	<ul style="list-style-type: none"> <li>• <a href="#">Impact of New Occupational and Clinical Standards on Spirometry</a></li> <li>• <a href="#">Spirometry in Occupational Health - 2020</a></li> </ul>

<b>Session Date: March 25, 2020</b>	
Topic:	Obesity hypoventilation syndrome and how it confounds interpretation of lung disease
Presenter:	Lee Brown, M.D.
Session Video:	<a href="#">Video Link</a>
Slides:	<a href="#">Link to Slides</a>

<b>Session Date: March 11, 2020</b>	
Topic:	Traveling Safely with Supplemental Oxygen
Presenter:	Valerie Chang
Session Video:	<a href="#">Video Link</a>
Slides:	<a href="#">Link to Slide</a>
Materials:	<a href="#">Optimizing Home Oxygen Therapy</a>

<b>Session Date: February 26, 2020</b>	
Topic:	2019 ATS Spirometry Update: A breathtaking shift

Presenter:	Kyla LeSeur
Session Video:	<a href="#">Video Link</a>
Slides:	<a href="#">Link to Slides</a>

<b>Session Date: February 12, 2020</b>	
Topic:	CT manifestations of UIP
Presenter:	Loren Keta
Session Video:	<a href="#">Video Link</a>
Slides:	<a href="#">Link to Slides</a>

<b>Session Date: January 22, 2020</b>	
Topic:	Unconventional Natural Gas Production and Lung Health
Presenter:	David Weissman
Session Video:	<a href="#">Video Link</a>
Slides:	<a href="#">Link to Slides</a>

<b>Session Date: January 08, 2020</b>	
Topic:	What is rapid decline in FEV1 and why it matters in miners?
Presenter:	Oleh Hnatiuk
Session Video:	<a href="#">Video Link</a>
Slides:	<a href="#">Link to Slides</a>

## 2019

**12/11/2019** – Video [Mental health conditions in miners](#)  
PPT [Mental health conditions in miners](#)  
Materials [Casillo PF dust antifibrotic agents](#)  
[Flaherty NEJM article](#)  
[Nejmoa appendix](#)

**11/13/2019** – Video [AMA Guides Sixth edition](#)  
PPT [AMA Guides Sixth edition](#)  
Materials [Lung Fibrosis in Plutonium Workers](#)

**10/23/2019** – Video [Initial favorable findings in a Black Lung claim: What happens next?](#)  
PPT [Initial favorable findings in a Black Lung claim: What happens next?](#)  
Materials [Graham et al](#)

**10/09/2019** – Video [How GOLD has affected COPD management in coal and uranium miners](#)  
PPT [How GOLD has affected COPD management in coal and uranium miners](#)

**09/26/2016**- Materials [How Accurate Is the Prediction of Maximal Oxygen Uptake with Treadmill?](#)

- 09/11/2019** – Video [HIPAA compliance and care of miners](#)  
PPT [HIPAA compliance and care of miners](#)
- 08/28/2019** – Video [Six minute walk test and assessing impairment](#)  
PPT [Six minute walk test and assessing impairment](#)  
Materials [Calculating 6mwt](#)  
[Online supplement ATS field walking tests](#)
- 08/14/2019** – Video [Why the variability in B read interpretation of chest radiographs?](#)  
PPT [Why the variability in B read interpretation of chest radiographs?](#)
- 07/24/2019** – PPT [Legal pneumoconiosis: Why does it confuse physicians?](#)
- 07/10/2019** – Video [Why pilots crash? Making medical opinions by physicians fly!](#)  
PPT [Why pilots crash? Making medical opinions by physicians fly!](#)  
Materials [Preamble to federal regs](#)  
[Criteria Document](#)  
[ATS statement](#)
- 06/26/2019** – PPT [Lessons learned from the regional variability in the progressive massive fibrosis](#)
- 06/12/2019** – PPT [Differentiating respiratory from cardiovascular limitation to exercise](#)
- 05/08/2019** – PPT [MAC and the miners' lungs](#)
- 04/24/2019** – PPT [Determining disability in federal black lung](#)
- 04/10/2019** – PPT [Histoplasmosis & Coccidiomycosis – Confounders in dust-related lung diseases](#)
- 03/27/2019** – PPT [Challenges in supplying oxygen \(and DME\) to rural miners](#)
- 02/27/2019** – PPT [Identifying small airways disease in miners](#)
- 02/13/2019** – PPT [Why sleep apnea matters in miners?](#)  
[Assessment of respiratory function](#)  
[Comparison of NHANES III-airway obstruction](#)  
[Discordance in Spirometric Interpretations](#)  
[Effect of change of reference standard to NHANES](#)  
[Racial discordance in spirometry](#)
- 01/23/2019** – PPT [Labor laws and home care for miners](#)
- 01/09/2019** – PPT [Cor Pulmonale in miners](#)



## 2018

- 12/12/2018** – PPT [Common mistakes clinical providers make in assessing respiratory impairment](#)  
[The Effect of Pulmonary Rehabilitation](#)  
[Chronic Bronchitis Is Associated With Worse Symptoms](#)  
[Physiologic Characterization of the Chronic Bronchitis](#)  
[Task Force II: Determination of Occupational Working Capacity](#)
- 11/14/2018** – PPT [Controversies in the Management of Chronic Beryllium Disease](#)  
[HL Chapter 2-Part B Eligibility Criteria for Non-Cancerous Conditions](#)  
[ATS Statement beryllium-full-text](#)  
[Beryllium Brochure pre v post 1993 diagnosis](#)
- 10/10/2018** – PPT [Clearing the Air – Consequential Conditions in Miners](#)  
[Lung disease as a determinant of cognitive decline and dementia](#)
- 09/12/2018** - PPT [In-Home Pulmonary Rehabilitation ... is it worth it?](#)
- 08/08/2018** - PPT [ABCs of ABG](#)  
[Performing a Lung Disability Evaluation: How, When, and Why?](#)  
[ABIME- Causation Orlando 2018](#)  
[Arterial Blood Gas Reference Values for Sea Level and an Altitude of 1,400 Meters](#)
- 07/11/2018** - PPT [Are the proposed new silica standards useful?](#)
- 06/13/2018** - PPT [Pulmonary Fibrosis- newer therapeutic strategies](#)
- 05/09/2018** - PPT [After a Black Lung Claim is filed - what happens next?](#)  
[Harber-1984-Estimation of the Exertion Requirements of Coal Mining Work](#)
- 04/11/2018** – PPT [COPD lung function trajectories and why it matters to miners](#)  
[Conditions Associated With an Abnormal Nonspecific Pattern](#)  
[Lung-Function Trajectories Leading to Chronic Obstructive Pulmonary Disease](#)
- 03/14/2018** – PPT [The Misuse of Diffusing Capacity in Miners](#)  
[2017 ATS Diffusing capacity](#)
- 02/14/2018** – PPT [Energy Workers & Their Valentines – The Role of Home Health Service Companies](#)
- 01/10/2018** – PPT [Pulmonary Rehabilitation in Miners](#)

## 2017

- 12/13/2017** – PPT [Not-so-Classic Radiographic Patterns of Pneumoconiosis](#)
- 11/08/2017** – PPT [How to Ace Spirometry Testing – Part 2](#)
- 10/11/2017** – PPT [Lung Cancer in Miners: Is the Association Casual or Circumstantial?](#)
- 08/09/2017** – PPT [Work-related Asthma in Miners](#)

- 07/12/2017 – PPT [Desposition Dos and Don'ts for Clinicians Caring for Miners](#)
- 06/14/2017 – PPT [Challenges in Providing Home Health Services for Uranium Miners](#)
- 05/10/2017 – PPT [Spot the Spirometric Error](#)
- 04/12/2017 – PPT [Pulmonary Rehabilitation in Mining Communities](#)
- 03/08/2017 – PPT [Understanding Mining Jobs: A Miner's Perspective](#)
- 02/08/2017 – PPT [Reconstructing Past Exposures by Work Locations in Miners](#)
- 01/11/2017 – PPT [Defining 'Disability' Under the Black lung Benefits Act & other Programs](#)

## 2016

- 12/14/2016 – PPT [Chronic Beryllium Disease: An overview](#)
- 11/09/2016 – PPT [Monitoring Health Using Spirometry](#)
- 10/12/2016 – PPT [Black Lung Medical Options](#)
- 09/21/2016 – PPT [Chronic Bronchitis and Miners: Impact compared to other breathing conditions.](#)
- 08/10/2016 – PPT [Introduction to Miners' Wellness TeleECHO Clinic](#)