

Resource Library for Medical Providers

Spectrum of Disease of Coal Mine Dust Lung Disease (CMDLD)

2014	<u>Respiratory Disease Mortality Among US Coal Miners; Results After 37 Years of Follow-up</u>
2013	<u>Coal Mine Dust Lung Disease – New Lessons From Old Exposure</u>
2012	<u>The Genetic and Environmental Causes of Pulmonary Fibrosis</u>
2011	<u>An Official ATS/ERS/JRS/ALAT Statement: Idiopathic Pulmonary Fibrosis: Evidence-Based Guidelines for Diagnosis and Management</u>
2009	<u>Contributions of Dust Exposure and Cigarette Smoking to Emphysema Severity in Coal Miners in the United States</u>
2005	<u>Rapidly Progressive Coal Workers’ Pneumoconiosis in the United States: Geographic Clustering and Other Factors</u>
2006	<u>Is Idiopathic Pulmonary Fibrosis an Environmental Disease?</u>
2001	<u>Interstitial Lung Disease Induced by Exogenous Agents: Factors Governing Susceptibility</u>
1997	<u>“Primary” Diffuse Interstitial Fibrosis in Coal Miners: A New Entity?</u>
1994	<u>Quantitative Relation Between Emphysema and Lung Mineral Content in Coalworkers</u>
1992	<u>Pulmonary Function of U.S. Coal Miners Related to Dust Exposure Estimates</u>
1990	<u>Mineralogical Microanalysis of Idiopathic Pulmonary Fibrosis</u>
1988	<u>Interstitial Fibrosis in Coal Workers—Experience in Wales and West Virginia</u>
1984	<u>Emphysema and Dust Exposure in a Group of Coal Workers</u>
1982	<u>Post-Mortem Study of Emphysema in Coalworkers and Non-Coalworkers</u>
1982	<u>Multiple Regression Analysis of Quantified Aetiological, Clinical and Post-Mortem Pathological Variables Related to Respiratory Disease in Coal Workers</u>
1983	<u>Quantified Pathology of Emphysema, Pneumoconiosis, and Chronic Bronchitis in Coal Workers</u>
1979	<u>Pathology Standards for Coal Workers’ Pneumoconiosis</u>
1970	<u>Emphysema in Coal Workers’ Pneumoconiosis</u>

Occupational History and Exam and Resting Lung Function Testing

DOL	DOL Black Lung pulmonary function test standards
NIOSH	NIOSH Spirometry Webpage
NIH	Spirometric reference values from NHANES III
ATS	Official ATS Technical Standards: Spirometry in the Occupational Setting
NIOSH	“Get Valid Spirometry Results Every Time” Poster
ATS	Interpretative Strategies for Lung Function Tests
DOL	Form CM-2907: Report of Ventilatory Study

Exercise Lung Function and Chest Imaging

ABG	Stability of Blood Gases in Ice and at Room Temperature
	Of Time and Temperature, Plastic and Glass: Specimen Handling in the Blood-Gas Laboratory
	Rapid Changes in Arterial Blood Gas Levels After Exercise in Pulmonary Patients
	Measurement of Arterial Blood Gases at the Transition From Exercise to Rest
B Reading	NIOSH Guideline: Application of Digital Radiography for the Detection and Classification of Pneumoconiosis
	NIOSH BViewer System Requirements
	NIOSH B Reader Study Syllabus
	NIOSH B Reader Program
	Digital Chest Radiography
	Comparison of Digital Radiographs With Film Radiographs for the Classification of Pneumoconiosis

Additional Resources for Evaluating Causation and Disability

- Standards for determining coal miners’ total disability or death due to Pneumoconiosis:
 - [Code of Federal Regulations CFR – Title 20 §718.201](#)
 - [Code of Federal Regulations CFR – Title 20 §718.203](#)

- [Code of Federal Regulations CFR – Title 20 §718.204](#)
- [Code of Federal Regulations CFR – Title 20 §718.304](#)
- [Exercise Testing in Occupational Lung Diseases](#)
- [Exercise Testing in the Evaluation of Impairment and Disability](#)
- [Pulmonary Function of U.S. Coal Miners Related to Dust Exposure Estimates](#)
- [Contributions of Dust Exposure and Cigarette Smoking to Emphysema Severity in Coal Miners in the United States](#)
- [Can Exposure to Coal Mine Dust Cause a Severe Impairment of Lung Function?](#)
- [Effect of Weight Gain on Pulmonary Function After Smoking Cessation in the Lung Health Study](#)
- [Effects of Obesity on Respiratory Function](#)
- [Effects of Severity of Long-Standing Congestive Heart Failure on Pulmonary Function](#)
- [Abnormal Pulmonary Function Specifically Related to Congestive Heart Failure: Comparison of Patients Before and After Cardiac Transplantation](#)
- [The Influence of Chronic Heart Failure on Pulmonary Function Tests in Patients Undergoing Orthotopic Heart Transplantation](#)
- [Isolated Ultrafiltration in Moderate Congestive Heart Failure](#)
- [Small Pneumoconiotic Opacities on U.S. Coal Worker Surveillance Chest Radiographs are not Predominantly in the Upper Lung Zones](#)
- [Interstitial Fibrosis in Coal Workers – Experience in Wales and West Virginia](#)

Additional Resources

- [DOL Examiners Terminology](#)
- [Kaiser Family Foundation](#)
- [Fierce Healthcare](#)