What Are the Current Epidemiological Data on Adult Pleural Disease in the United States?

STUDY DESIGN

Retrospective cohort study using administrative databases published under the Health-care Utilization Project by the Agency for Healthcare Research and Quality

Hospitalization and cost data for adult pleural disease were studied from **2007-2016**

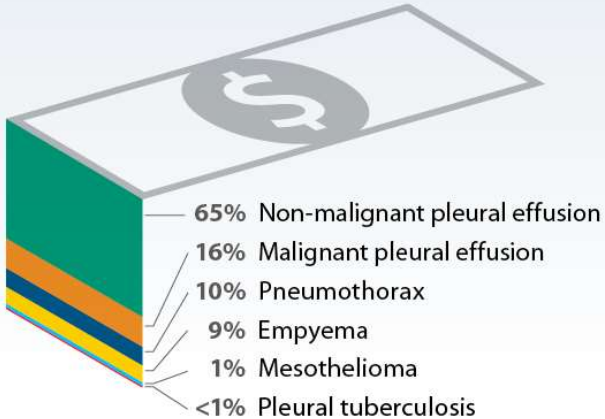
RESULTS

2016 COSTS & DISTRIBUTION

42,215 ED visits → $286.7 million

361,270 hospitalization → $10.1 billion

64,174 readmission → $1.16 billion



	Annual Hospitalization Rates Per 100,000 (2007 vs 2016)
Mesothelioma	1.3 vs 1.09 ↓
Malignant Pleural Effusion	33.4 vs 31.9 ↓
Iatrogenic Pneumothorax	17.9 vs 13.9 ↓
Pleural Tuberculosis	0.20 vs 0.09 ↓
Empyema	8.1 vs 11.1 ↑
Non-Malignant Pleural Effusion	78.1 vs 100.1 ↑

Significant changes have occurred in the epidemiology of pleural diseases. Expenditures for pleural disease exceed those of more widely studied, yet less-common, pulmonary conditions such as idiopathic pulmonary fibrosis and sarcoidosis.

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