

# Interstitial lung disease and heart failure in a 75-year-old guitar maker

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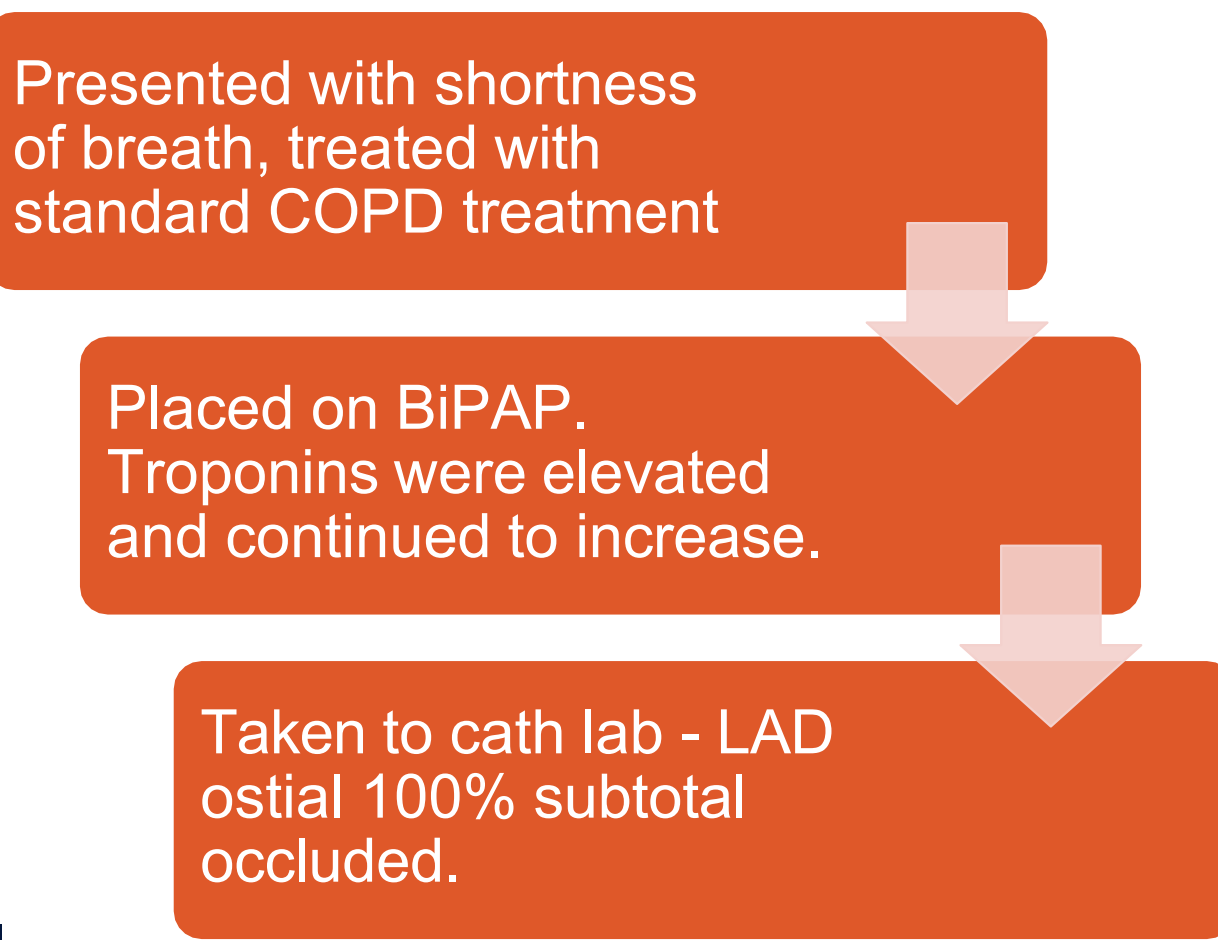
## Key Points

- A guitar maker with repeated exposure to harmful fumes developed interstitial lung disease
- Patient presented with shortness of breath, treated with bronchodilators and anti-muscarinic agents
- Detailed history-taking and broad differentials allowed for proper diagnosis and treatment

## History of Present Illness

A 75-year-old male with history of asthma and COPD not on home oxygen presented after experiencing shortness of breath for 3 weeks. He was diagnosed with COPD 10 years ago and takes theophylline at home for treatment. He stated that he noticed his symptoms started after he had finished sanding and dyeing the wood for a guitar. He has built guitars for 15 years and uses more than 31 different products while building. He states he often does not wear a mask or any inhalation protection during this process. He smokes marijuana daily and has done so for 50 years. No history of cigarette smoking..

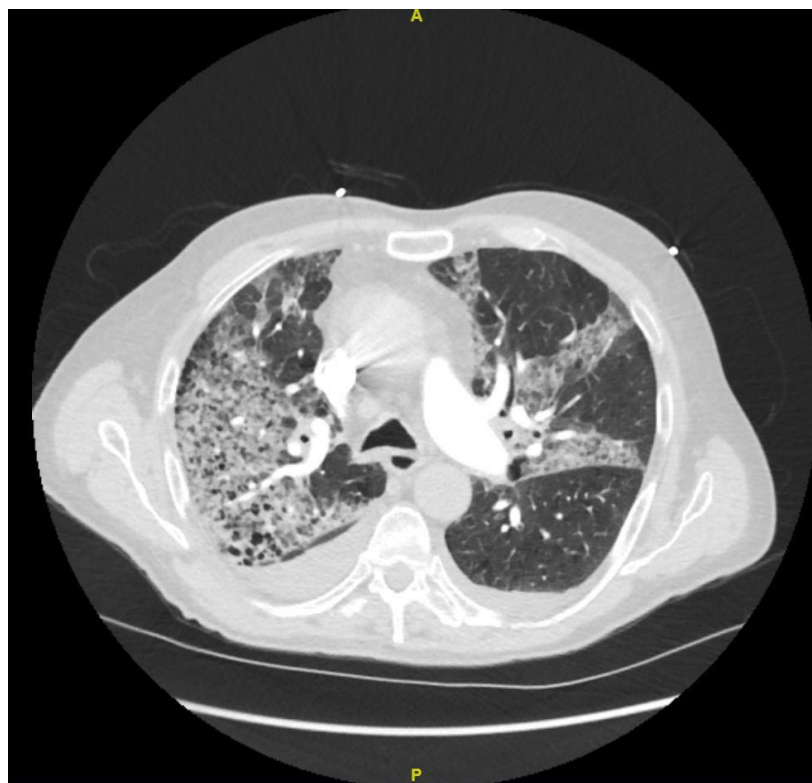
## Case Description



## Imaging



Chest X-ray taken on admission. Note infiltration

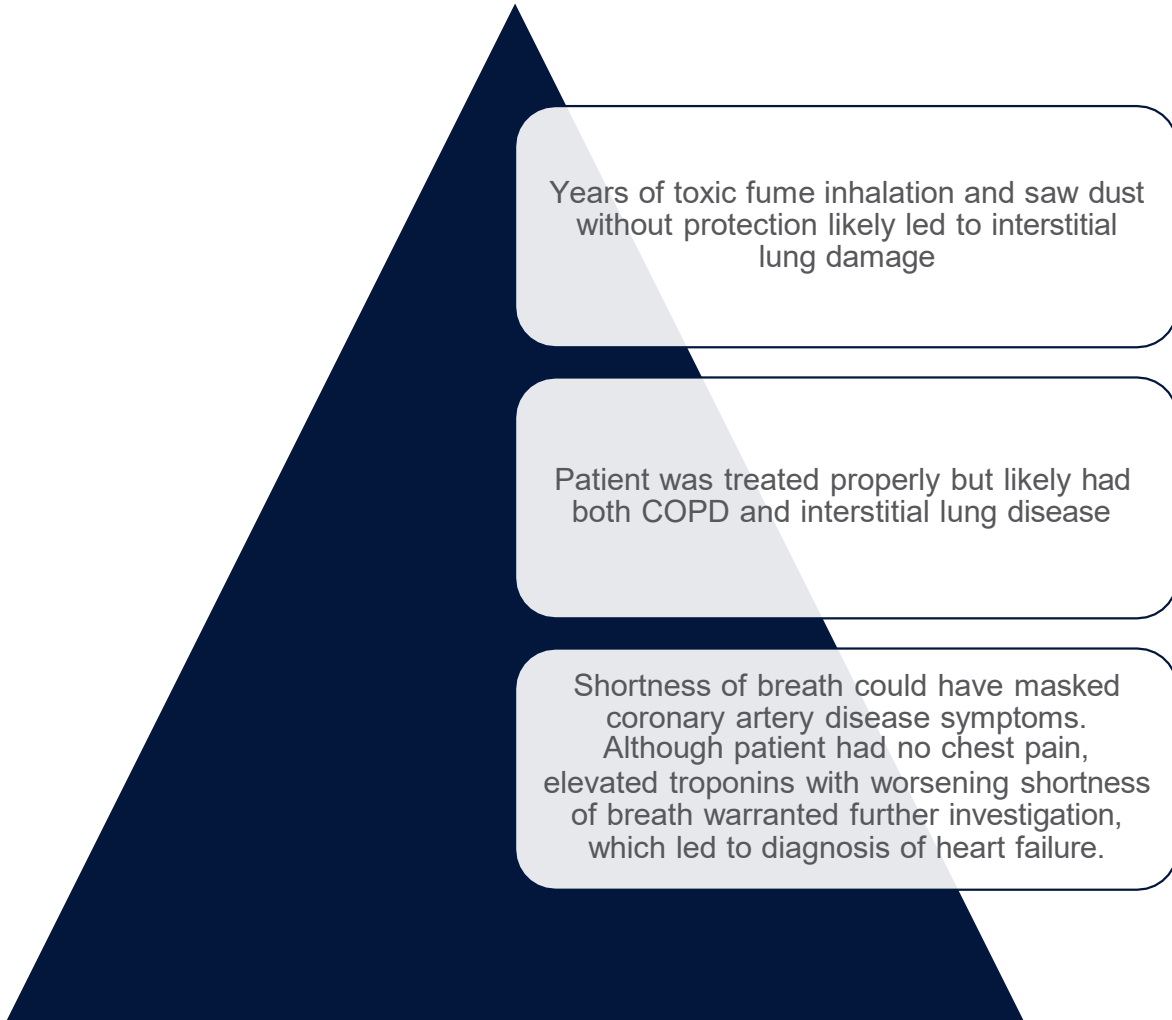


CT chest of right middle lobe. Note honeycombing pattern



CT chest of the right upper lobe. Note honeycombing pattern

## Discussion



## References

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Elouaara E, Vainio H, Altio A. Pulmonary toxicity of inhaled styrene in acetone-, phenobarbital- and 3-methylcholanthrene-treated rats. *Archives of Toxicology*. 1990;64(5):365-369. doi:10.1007/BF01973457

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