

what's your diagnosis?

A 19-year-old male with cough and right lower lobe opacity

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A 19-year-old male was referred for investigation of left lower lobe opacity. He was well until two months prior to his presentation when he developed a persistent productive cough of yellow phlegm, and a fever two weeks prior to his presentation. He denied chest pain, wheezing, dyspnea, or hemoptysis. He had no history of recent travel, contact with a person with active tuberculosis, or weight loss.

On physical examination, the blood pressure, pulse and respiratory rate were normal. His temperature was 37.2°C. There was no cyanoses or clubbing. Chest ex-

amination revealed decreased breath sounds over the right lung base. Heart sounds were of normal intensity, with physiologic splitting and without audible murmur. The remainder of the examination was normal.

1. What are the abnormal findings on the chest CT scan (Figure1)
2. What is your diagnosis?

Answer on page 136



Figure 1. Contrast C.T. scan