what's your diagnosis?

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

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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 (Figure 1)
 - 2. What is your diagnosis?

Answer on page 136

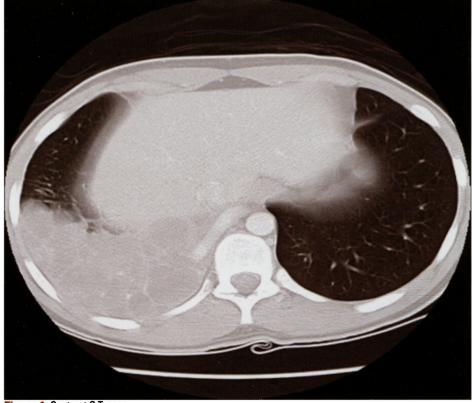


Figure 1. Contrast C.T. scan