

Chest imaging by high-resolution computed tomography (HRCT)

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Presentation

A 39-year-old man presents with subacute dyspnoea and intermittent cough. The following images were obtained. Describe the relevant findings and provide the most appropriate clinical diagnosis. Please

submit your response to Dr Misser at misser@lakesmit.co.za not later than 1 August 2012. The winning respondent will receive a R1 000 award from the RSSA. A detailed diagnosis and discussion will be presented in the next issue of the *SAJR*.

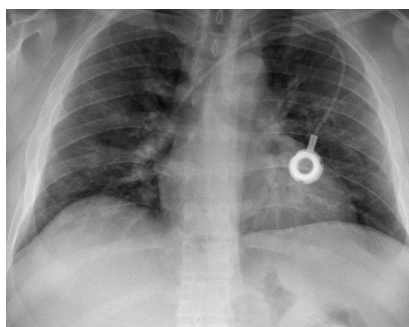


Fig. 1. Plain PA chest radiograph.



Fig. 2. Coronal reformat of lung fields.



Fig. 3. Axial HRCT at aortic arch level.



Fig. 4. Axial HRCT at pulmonary artery level.

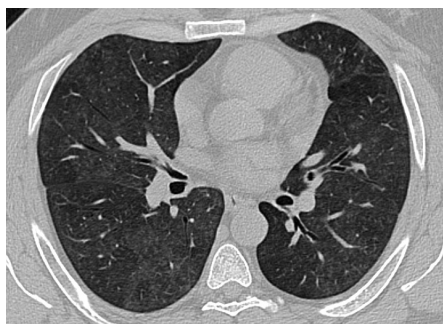


Fig. 5. Axial HRCT at aortic root level.



Fig. 6. Axial HRCT at diaphragm level.