

Cardiac case

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Presentation

A 26-year-old woman with a background history of cardiac surgery in childhood, presented with worsening atypical chest pain and dyspnoea. The following images were obtained. We invite readers to describe the findings and provide the most appropriate clinical diagnosis. Please submit your response to shalendramisser@hotmail.com before 28 October 2010. The winning respondent will receive a R1 000 award from the RSSA. A detailed diagnosis will appear in the next issue of the SAJR.



Fig 1. Erect PA chest X-ray.



Fig 2. Pre-contrast axial chest CT.



Fig 3. Post-contrast dynamic axial chest CT, at levels of the aortic arch, pulmonary trunk and left atrium.

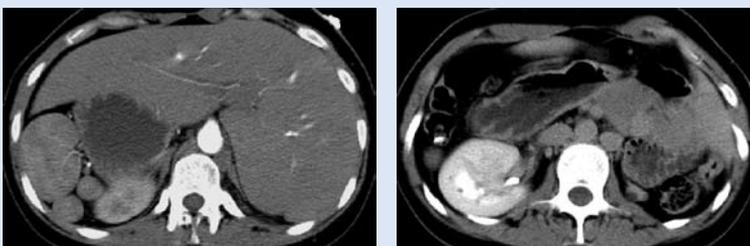


Fig 4. Post-contrast axial CT abdomen.

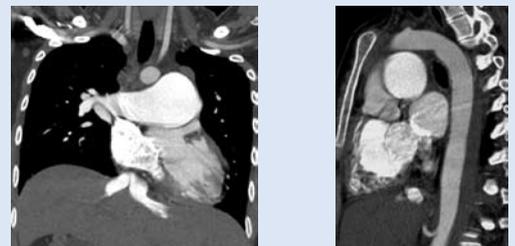


Fig 5. Post-contrast coronal and sagittal CT chest reformat.