

Cardiology Images

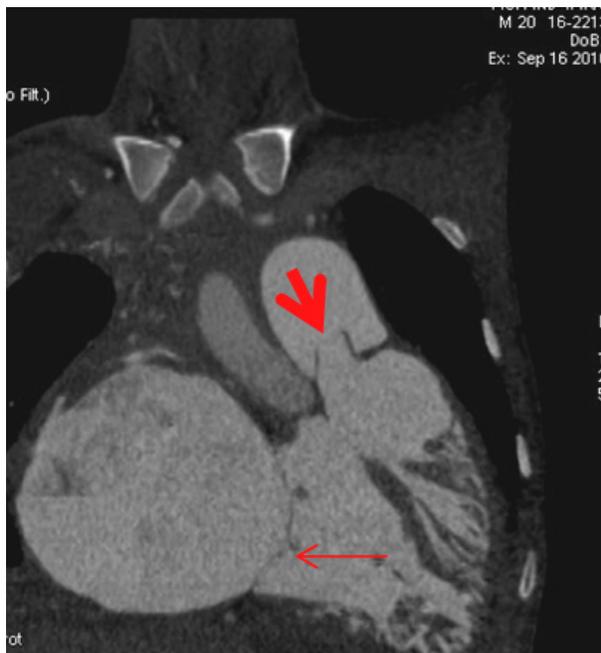
POST TOTAL CORRECTION COMPLICATION

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A twenty years old boy, A known case of Tetralogy of Fallots (TOF) had total correction for his condition at the age of twelve now presented with history of palpitation and progressive shortness of breath. No history of syncope or weakness. On examination his pulse was 84/min high volume, his blood pressure was 110/70 mmHg and he had slight pallor, rest of his general physical examination was normal. His systemic examination of precordium showed normal intensity of first and second heart sound there was a right sided third heart sound and early diastolic murmur in left basal area. His ECG showed normal sinus rhythm with sinus tachycardia. Trans Thoracic Echo showed dilated right sided chambers and free pulmonary regurgitation (PR). There was aneurysmal dilatation of Right Ventricular Out flow Tract (RVOT)

Above are shown four different sixty four slice

A. MDCT Image in systole (30%)

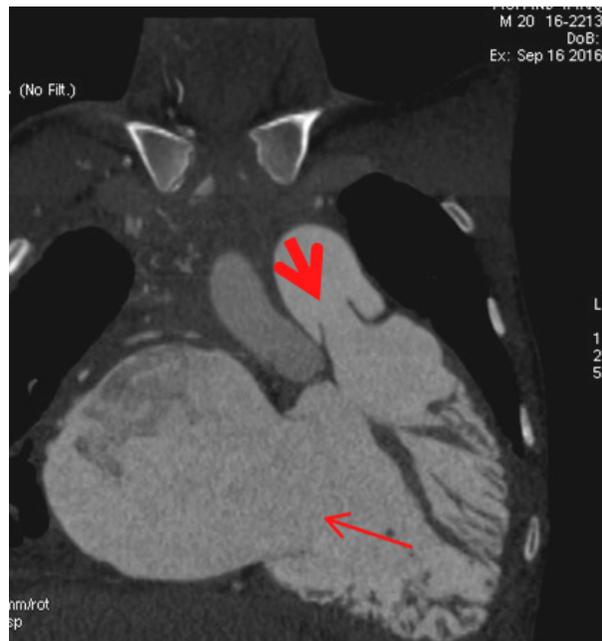


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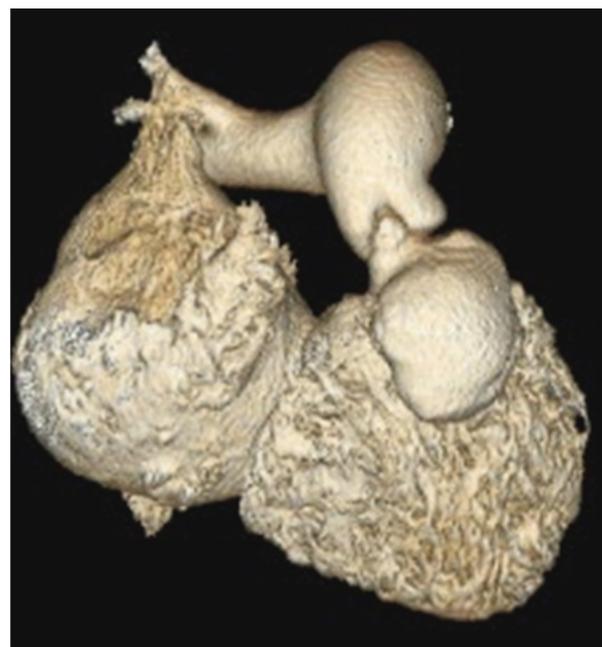
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B. MDCT image in Diastole (70%)



C. Volume rendering (VR) MDCT image



Multi Detector Computerized Tomography (MDCT) contrast enhanced images of this patient. The Image A is coronal plane contrast enhanced systolic

