A case report of arrhythmogenic right ventricular dysplasia

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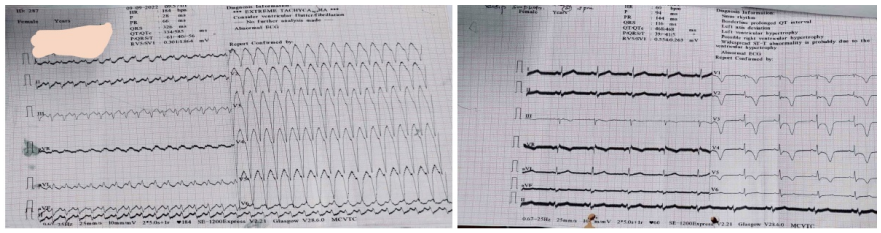
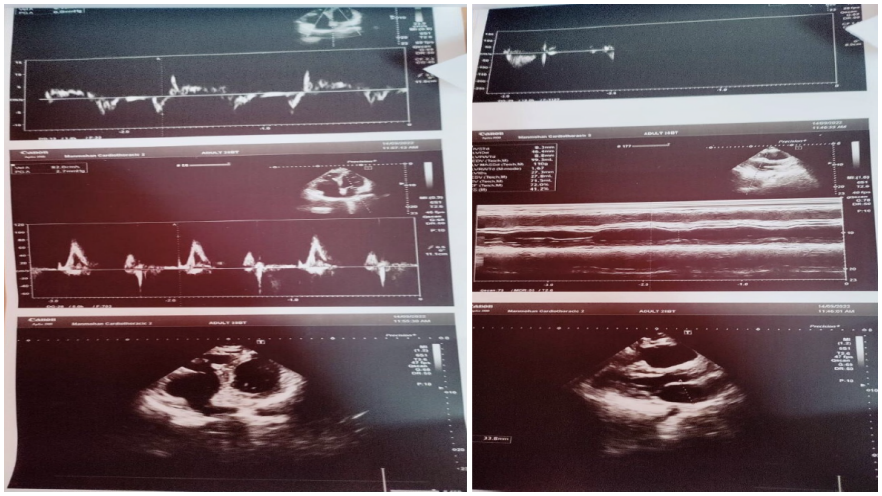
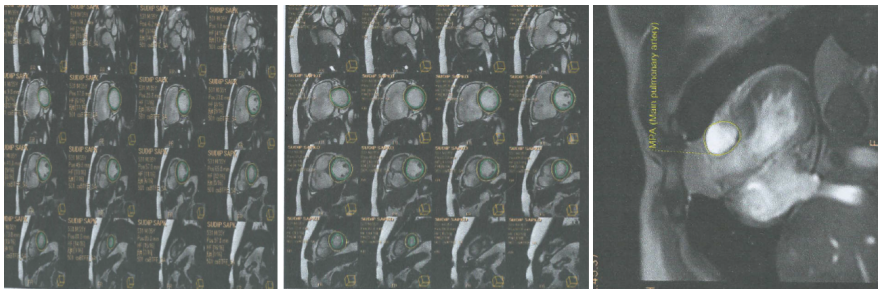
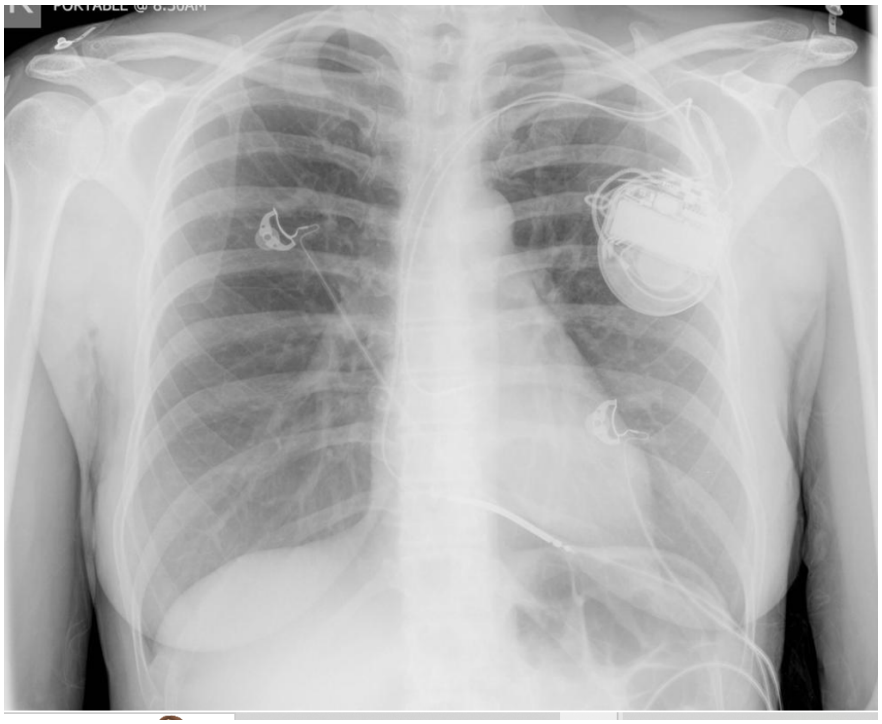
`Arrythmogenic right ventricular tachycardia.docx` available at https://authorea.com/users/612442/articles/640332-a-case-report-of-arrhythmogenic-right-ventricular-dysplasia









Category	Major criteria	Minor criteria
Global and/or regional dysfunction and structural alterations	1. Severe dilatation and reduction of right ventricular ejection fraction with no (or only mild) LV impairment 2. Localized right ventricular aneurysms (akinetic or dyskinetic areas with diastolic bulging) 3. Severe segmental dilatation of the right ventricle	1. Mild global right ventricular dilatation and/or ejection fraction reduction with normal left ventricle2. Mild segmental dilatation of the right ventricle3. Regional right ventricular hypokinesia
Tissue characterization of walls	1. Fibrofatty replacement of myocardium on endomyocardial biopsy	
Repolarisation abnormalities		1. Inverted T waves in right precordial leads (V_2 and V_3) (people aged more than 12 yr; in absence of the right bundle branch block)
Depolarisation/conduction abnormalities	1. Epsilon waves or localized prolongation (> 1 10 ms) of the QRS complex in right precordial leads (V_1-V_3)	1. Late potentials (signal-averaged ECG)
Arrhythmias		1.Left bundle branch block type ventricular tachycardia (sustained and non-sustained) (ECG, Holter, exercise testing). 2.Frequent ventricular extrasystoles (more than 1000/24 h) (Holter)
Family history	1.Familial disease confirmed at necropsy or surgery	1.Familial history of premature sudden death (<35 yr) due to suspected right ventricular dysplasia. Familial history (clinical diagnosis based on present criteria)
Dignosis of Arrythmogenic Right Ventricular Dysplasia (ARVD)-Two major criteria or One major and Two minor criteria or Four minor criteria