



## Arrhythmogenic Right Ventricular Dysplasia is Rare –Case Report

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### INTRODUCTION

Arvd is a rare form of cardiomyopathy in which the heart muscle of the right ventricle is replaced by fat /fibrous tissue. It's an important cause of vt in children, young adults. Its predominantly affects males, 30-50% of cases have a familial distribution.

### CASE REPORT

A 27 years old male brought to icu with h/o palpitation associated with chest discomfort since 15 minutes on and off. He is non dm, non htn, non smoker.

On examination patient conscious, oriented, jvp not raised, cvs-s1s2+, no murmur, rs – vbs, no added sounds, abdomen –soft, no organomegaly.

Vitals bp -80 /50 mmhg, spo2 93%,hr 160 /m,

ECG – ventricular tachycardia, hr 160 /m,

Patient succesfully cardioverted with 300 j dc. post cardioversion ecg shown sr, hr 74 /m , rsr' pattern in v1, epsilon wave in v1-v3 ,t wave inversion in v1-v3.

Echocardiogram – excessive trabeculations seen in rv, akinesia of inferior wall with diastolic bulging of rv, no rwma of lv, valves normal, no asd, no vsd, no lv clot, no pe, lvef- 60 %

WBC-11000 cells/cumm, platelet count 225000, rbs 110 mg, urea 25 mg, creatinine 0.7 mg, na 135 meq/l, k 4.0 meq/l,cl 102 meq/l. lft – normal , urine routine – normal.

Patient was treated with beta blocker, other supportive medications. Patient was given advice for icd if there is recurrence.

### CONCLUSION

Arrhythmogenic right ventricular dysplasia is a rare form of cardiomyopathy, which is inherited disorder.

### REFERNCES

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