



Giant Coronary Artery Aneurysm A Rare Case Report

**Dr.SREEDEVI
KOONA**

M.D Assisitant professor of medicine, Andhra Medicial college Visakhapatnam Andra Predesh,India.

**Dr.TEJESWARA
RAO BENDI**

M.S Assisitant professor of Surgey, Andhra Medicial college Visakhapatnam Andra Predesh,India.

Dr.Ravi kumar G

M.D.D.M Assisitant professor of cardiology, Andhra Medicial college Visakhapatnam Andra Predesh,India.

ABSTRACT

coronary artery aneurysms are uncommon and may be complicated by rupture,thromboembolic manifestations .we report a case of giant coronary artery aneurysm.

KEYWORDS : coronary artery aneurysms

INTRODUCTION:

Coronary artery aneurysms also described asectasias are typically described as a dialatation in the diameter of a coronary artery segment to more than 1.5 fold normal size

CASE REPORT: A 50yr old male patient presented to the hospital with retrosternal chest discomfort B.P at the time of admission was 140 /100 heart rate 90/mt.cvs examination was Normal .ECG showed T inversions in lead- 3 with out anu ST- segment changes .results of all lab tests are normal with E.F OF 70% . He wassubjected to coronary Angiography it showed giant aneurysm of the coronary artery with no significant stenosis Abdominal aorta and renal arteries are normal.

DISCUSSION: Coronary artery aneurysms are detected in 1.2 to 4.9%of patients undergoing coronary angiography.They are frequently asymptomatic . In symptomatic patients it is usually caused by myocardial ischemia. The causes of coronary artery aneurysms are Kawasaki disease ,atherosclerosis, Autoimmune disease ,mycotic aneurysms .However more than on e coronary artery is involved and at multiple sites in these conditions .this case report is unusual due to the fact that only right coronary artery was effected. and size of the aneurysm is quite large.

TREATMENT: Most of the coronary artery aneurysms were surgically treated .the surgical options are discussed with the patient but he is hesitant to surgery . patient was discharged on aspirin and warfarin therapy . in stable general condition and good exercise tolerance and instructed to report any symptoms he experiences in the interi