

Aim:

Cardiovascular disease in patients with human immunodeficiency virus who admitted to any wards of rasol akram and foroozgar hospital (Iran-Tehran) from 2002 to 2012 .

Design: retrospective study

Methods: all of patients withHIV who admitted to any wards of rasol akram and firoozgar hospital from 2002 to 2012 were included .then all of clinical manifestation , electrocardiography and echocardiography findings and risk factors of cardiovascular disease in admission records. And clinical course were analyzed.

Results: there were 39 patients (1 female – 38 male) in our study .the median age of patients was 37.9 years.

Low ejection fraction (<45 %) was seen in 30.8 % of patients .

Vegetation of valves (that show endocarditis) was seen in 2.6 % of patients .

Left ventricular hypertrophy was seen in 20.5 % of patients .

Ventricular disfunction was seen in 25.6 % of patients .

Chest pain was seen in 17.9 % of patients .

Dyspnea was seen in 48.7 % of patients .

ST-T changes inEKG was seen in 35.9 % of patients .

Regurgitation of mitral and tricuspid valves was seen in 51.3 % of patients .

Pulmonary artery hypertention was seen in 49 % of patients .

Keyword:human immunodeficiency virus – pulmonary artery hypertention – ejection fraction – endocarditis - dyspnea