A UNIQUE CASE OF QUADRUPLE VALVE ENDOCARDITIS

ACC Moderated Poster Contributions
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Authors: Mohammad M. Ansari, NYP/TBHC-Weill Cornell, New York, NY, USA

Background: Infective endocarditis is still a common entity but it is uncommon to see all four valves involved. We present a case of four valve endocarditis and patient underwent medical management and complete recovery.

Description: Male pt age 54 presents with complaints of generalized malaise after a binge drinking episode. He has no chest pain or SOB but has decrease exercise tolerance over last 3 months. His PMH is significant for CAD s/p CABG, AF, HTN and DM. In ER he was found to be febrile, hypotensive and tachycardic. Labs only showed a leukocyte count of 8.2 with 92% neutrophils. Pt was admitted with dx of sepsis and cultures were sent and showed growth of gm+ cocci in chains. TEE was done which showed normal LV size with EF 65%. Highly mobile densities seen attached to the aortic valve, multiple echodensities attached to the mitral ring and both mitral leaflets and to the tricuspid annuloplasty ring. Small density were also seen close to the pulmonic valve and patient was subsequently diagnosed with quadruple valve endocarditis. Pt was started on IV antibiotics for 4 weeks and recovered with no subsequent vegetations on follow up TEE.

Conclusion: Quadruple valve endocarditis is rare these days and patients usually presents very sick with wide range of symptoms and usually require surgery. Our unique case represents the very few that present with not the usual symptoms and successfully treated with antibiotics alone.