

Abstract

Back ground: Aortic valve is an unusual site for thrombus formation due to its high flow system. This case report describes a previously healthy patient found to have cardiac mass, later found to be due to polycythaemia vera causing thrombus formation in the aortic valve.

Case Presentation: A 50-yr old previously healthy farmer presented with progressively worsening exertional dyspnoea for 2-month duration. His only other complain was a per rectal bleeding from haemorrhoids. He had an ejection systolic murmur together with a moderate splenomegaly. Upon evaluation he was found to have evidence of polycythaemia rubra vera. Due to progressively worsening features of heart failure aortic valve replacement was done and histology showed evidence of a cardiac thrombus.

Conclusion: When evaluating a cardiac valvular mass in a patient, thrombosis is a possibility especially when the patient is found to be having a hypercoagulable state.