

Abstract

Endogenous bacterial endophthalmitis is a rare presentation of a systemic infection and it can result in complete loss of vision as well as multitude of other complications if left unattended. We present a case of a 72 year old diabetic lady presenting with sudden onset right eye reduced vision and pain for 2 days in the background of three week history of on and off fever. Examination revealed grade 3 diastolic murmur at left lower sternal edge, and R/S red eye, chemosis and reduced visual acuity with only preserved light perception. There was neutrophilic leukocytosis with raised inflammatory markers and blood culture positivity for MRSA. TTE revealed vegetative lesion in aortic valve anterior leaflet and grade 3-4 aortic regurgitation. MRSA positive infective endocarditis with endogenous endophthalmitis was diagnosed and treated successfully with intravitreal and intravenous antibiotics for six weeks duration. She made a remarkable recovery with improvement of vision and resolution of Aortic regurgitation.