

Traumatic endophthalmitis presenting as isolated retinal vasculitis and white-centered hemorrhages: Case report and review of literature.

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Source

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Abstract

The article reports a case and review of the literature of endophthalmitis presenting as isolated retinal vasculitis. A 26-year-old male was observed to have white-centered retinal hemorrhages and retinal vasculitis following an occult scleral perforation. At presentation, the visual acuity was 20/60. With clinical suspicion of early endophthalmitis, he underwent wound exploration, scleral tear repair, vitreous biopsy and administration of intravitreal antibiotics. Microbiology evaluation revealed significant presence of methicillin-resistant coagulase-negative *Staphylococcus epidermidis*. Final visual acuity improved to 20/20 at 6 weeks postoperatively. Literature search revealed eight similar cases, all of them due to *Staphylococcus* species. Retinal vasculitis and white-centered retinal hemorrhages can be a presenting sign of early endophthalmitis, especially with non-fulminant pathogens like *S. epidermidis*.