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Cytomegalovirus Retinitis in HIV-negative patient

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Purpose: To report a case of Cytomegalovirus (CMV) retinitis in HIV-negative patient.

Methods: A 58-year-old woman with SLE, proven CMV retinitis was referred.

Results: She was referred with history of recent right eye visual loss. In fundus examination, she had signs of Retinal vasculitis. After initial examination, she was found to have CMV retinitis documented by Polymerase Chain Reaction (PCR) analysis of vitreous sample. She received intra-vitreous Ganciclovir and intravenous Ganciclovir with good response to treatment.

Conclusion: Ophthalmologists should take into account infectious causes of retinal vasculitis before approaching drug therapy.

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