



**Service Priorities and Programmes**  
**Electronic Presentations**

**Convention ID:** 78

**Submitting author:** Dr William LIN

**Post title:** Resident, Caritas Medical Centre, KWC

**Intravitreal ganciclovir for CMV retinitis : a retrospective review of visual outcomes**

*Lin WY(1), Lam F(1), Yuen YF(1)*

*(1)Department of Ophthalmology, Caritas Medical Centre*

**Keywords:**

Ganciclovir

CMV Retinitis

**Introduction**

Cytomegalovirus(CMV) Retinitis is the most common opportunistic infection affecting AIDS patients. Traditional treatment involves systemic ganciclovir. Our department adopted the use of intravitreal ganciclovir injection to these patient in addition to systemic treatment in 2009.

**Objectives**

To describe the clinical outcomes of patients receiving intravitreal ganciclovir for CMV retinitis in our eye clinic, including the number of injections required, post-treatment visual acuities and their long term outcomes.

**Methodology**

Retrospective review of all cases of CMV retinitis who had intravitreal ganciclovir injection done in CMC Eye clinic from 2009 to 2011.

**Result**

Total of six cases of CMV retinitis were recruited. Four cases were due to HIV infection. Total number of injections ranged from three to five. Five cases had good clinical outcome and visual acuities were preserved in these cases with no complication.