

## **Bilateral Spontaneous CMV Regression in Pediatric HIV**

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### **Abstract**

A 13-year-old boy refer to Central referral center ( Rajavithi Hospital ) in Bangkok for evaluating HIV-related eye diseases in both eyes.

He had history of HIV infected from mother. Now his parent had pass away. He got blur vision in both eyes since he was 10 year-old. But because of his systemic illness, he did not concern about his eye until he got to school. His Past history, he had treated for prevention all systemic opportunistic infection. He looks healthy with his CD4 was 456 cell per mm.

Chest x –ray was clear. Other blood exam including Syphilis or Viral Hepatic were normal. No history of Herpes infected.

Eye examination, VA 20/200 in both eyes. No anterior and vitreous chamber cell in both eyes. Fundus shown bilateral old CMV scar with macular dull reflex in both eyes.

Spontaneous CMV regression occurred more in Pediatric HIV than adult. Which are good prognosis, low risk of recurrent CMVR and low risk of Ganciclovir resisted- CMV infection, Including low risk of intravitreal injection in childhood.