

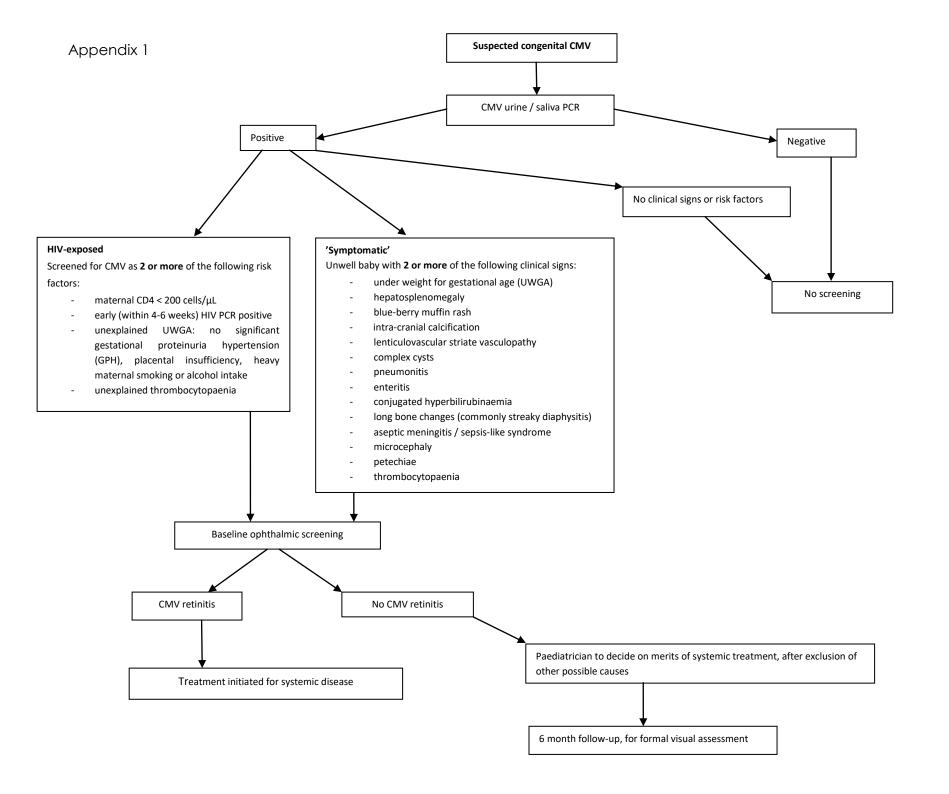


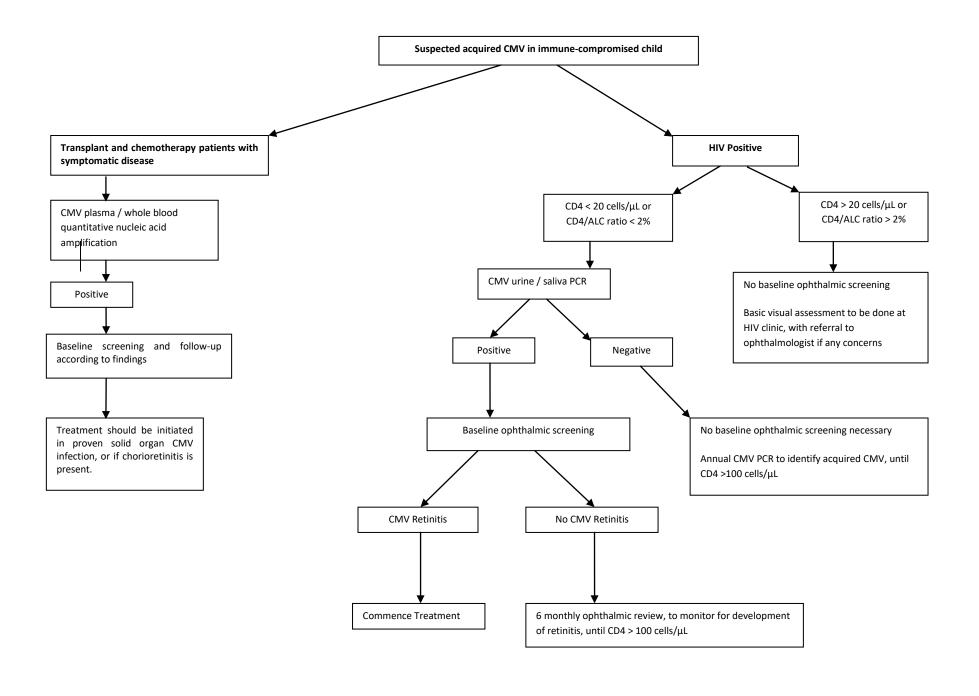
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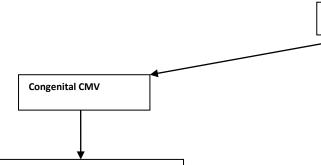
Email address

Appendices

- 1. Screening & treatment guidelines
- 2. Preparation of infant for screening
- 3. Screening proforma







IV gancylclovir (6mg/kg) twice daily for 6 weeks

Or

IV gancylclovir induction (6mg/kg) twice daily for 2 weeks, followed by oral valgancyclovir (15mg/kg) twice daily for 4 weeks

Ophthalmology follow-up at 6 weeks, following course of treatment

6 month follow-up, for formal visual assessment

Treatment and retinal examinations should be continued if:

- Active retinitis is present after conclusion of the initial course of therapy
- There is ongoing symptomatic disease
- There is a rising viral load

Initiated in conjunction with the transplant physician or oncologist

Post transplant immune-suppression

Immune-compromised

IV gancylclovir (6mg/kg) twice daily for 6 weeks

Or

Treatment of CMV Retinitis

IV gancylclovir induction (6mg/kg) twice daily for 2 weeks, followed by oral valgancyclovir (15mg/kg) twice daily for 4 weeks

Cessation of treatment may be considered after a minimum of two weeks, with 2 consecutive negative CMV viral load samples and resolution of retinitis

Patients with chorioretinitis should be followed-up weekly, until resolution

Long term prophylaxis to prevent recurrence of disease should be considered in consultation with the transplant physician IV gancyclovir induction (6mg/kg) twice daily for 2 weeks, followed by oral valgancyclovir (15mg/kg) twice daily

HIV

Weekly follow-up to monitor for resolution of disease

Once stable, with resolution of retinitis, two weekly follow-up until CD4 > 100 cells/µL

In older, immune-compromised children, oral valgancyclovir 15mg/kg twice daily can be used, until immune reconstitution has been established

Appendix 2

Preparation of infant for dilated fundal examination

- 1. Benoxinate (local anaesthetic): apply 1 drop to each eye at the outset
- 2. Cyclomydril (2 mg cyclopentolate hydrochloride, 10 mg phenylephrine hydrochloride) to dilate the pupils: apply 1 drop to each eye every 15 20 min, commencing approximately 45 minutes prior to the eye examination, until the pupil is dilated (an average of 3 drops)
- 3. Chloramphenicol (topical antibiotic): apply 1 drop at the end of the examination

Side-effects of Cyclomydril

If any of these rare side-effects of Cyclomydril eye drops occur (including signs of systemic absorption), report to attending paediatrician:

- apnoea
- desaturation
- bradycardia/tachycardia
- fever
- vasodilatation
- restlessness
- delayed gastric emptying
- urinary retention
- light sensitivity

CMV Screening Chart

Name

Folder Number

HIV status

Gestational age

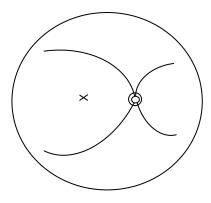
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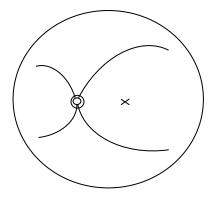
CMV PCR / Urine Culture: Positive Negative

Maternal CMV Infection: Primary Recurrent

Systemic signs HSM / Petechiae / Microcephaly / Hearing loss / Pneumonitis / IUGR

Screen: Baseline Week Month





Treatment Regimen and Monitoring

Drug	Dosage	Duration / week	Monitoring
			FBC
			LFT
			U&E
			Drug Level