Hematopoietic stem cell and solid organ transplant patients who develop CMV viremia\(^1\) or disease\(^2,3\)

- Baseline dilated fundus exam (DFE) with fundus photos within 2 weeks of viremia or disease

- Repeat DFE every 6-8 weeks while viremic until 6-8 weeks after immune system is reconstituted\(^4\)

- Exam is repeated immediately if visual complaints occur

- Fundus photos including periphery, autofluorescence, fluorescein angiography, visual field testing\(^5\)

- +/- anterior chamber paracentesis\(^6\)

Cases of suspected CMV retinitis

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1. With initiation of anti-viral therapy as determined by treatment team. 2. CMV disease defined as any CMV organ disease (lung, gastrointestinal, or central nervous system). 3. Patients who develop CMV viremia or disease prior to transplantation should also be referred for screening. 4. As defined by, and in discussion with transplant team. 5. As age and cognitive status allows. 6. Indications for anterior chamber paracentesis include unclear clinical diagnosis (small or atypical lesions) and need for resistance testing or to rule out co-infection.