



# IMMUNODEFICIENCY VIRUS – RELATED OPHTHALMIC DISORDERS



**Eye Learn**

All about the Eye

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## Immunodeficiency Virus – Related Ophthalmic Disorders

### I. Opportunistic Infections

#### A. Retina

##### 1. CMV Retinitis

##### a. Complications

##### (i) Immune Recovery Uveitis

##### 2. Other Retinal Infection (Caused by various agents.

VZV and Toxoplasma gondii being most common;

most occur in less than 1% of patient with AIDS).

**B. Choroid** (uncommon; caused by various agents, fungi and mycobacteria being most **common**)

**C. Ocular surface and adnexa** (important agents include VZV, microsporidia, molluscum contagiosum virus)

### II. Vascular abnormalities

#### A. Microvasculopathy

1. HIV retinopathy (cotton-wool spots, retinal hemorrhages)

B. Retinal arteriolar and venular occlusions (uncommon)

### III. Neoplasia

A. Kaposi sarcoma (conjunctiva, eyelids)

B. Lymphoma (Intraocular)

C. Squamous cell carcinoma (conjunctiva)

### IV. Other disorders of uncertain pathogenesis

#### A. Intraocular inflammation

1. Chronic anterior uveitis (uncommon)

2. Chronic multifocal retinal infiltrates (uncommon)

3. Iatrogenic uveitis (drug related: cidofovir, rifabutin)

B. Blepharitis

C. Dry Eye

### V. Neuro-ophthalmic disorders associated with orbital or intracranial disease