

Systemic Viral Infections and Ocular Complications

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1. Systemic Infections

- ❖ HSV
 - i. Types I and II
 - ii. Systemic manifestations
- ❖ Varicella-Zoster
 - i. Risk factors
 - ii. Age and Time of Presentation
- ❖ HIV
 - i. Epidemiology in United States
 - ii. High Risk patients
 - iii. Systemic Involvement and organ morbidity
- ❖ Adenoviruses
 - i. Variant types
 - ii. Systemic manifestations or not?

2. Ocular Involvement

- ❖ Peri-ocular Manifestations
 - i. Skin manifestation
 - ii. Oral and Sinus Involvement
 - iii. Lymph nodes
- ❖ Anterior Segment
 - i. Manifestations
- ❖ Posterior Segment
 - i. Manifestations

3. Investigation and Treatment Options

❖ In-office and Laboratory Evaluations

- i. Ophthalmic testing
- ii. Ancillary testing
- iii. Specific blood and tissue testing

❖ Medical Treatment Options

- i. Topical and Oral
- ii. Treatment regimens
- iii. Off Label use of Medications

❖ Local and Supportive measures

- i. Symptomology relief
- ii. OTC medications

❖ Aseptic Office Issues

- i. Prevention of Contamination and Secondary infection
- ii. Instrument disinfection

❖ Co-management Issues

- i. Medical Sub-specialty
- ii. CDC reporting