

Ophthalmology Grand Rounds 2025

Rapid Retinal Necrosis in the Setting of Acquired Immunodeficiency

August 20, 2025 – 7:00 AM
Alvernon Offices 252 / Zoom

Overall Activity Objectives:

- 1 Diagnose complex ophthalmic conditions using the latest diagnostic technologies.
- 2 Perform advanced surgical procedures with increased precision and confidence.
- 3 Manage a wide range of ocular diseases with updated treatment protocols.
- 4 Screen patients effectively for early signs of eye diseases and conditions.
- 5 Counsel patients on the best practices for eye health and post-surgical care.
- 6 Implement evidence-based practices in daily clinical work.
- 7 Utilize new diagnostic tools and equipment proficiently.
- 8 Evaluate patient outcomes to continuously improve treatment strategies.
- 9 Collaborate effectively with multidisciplinary teams in patient care.
- 10 Educate patients about preventive eye care and lifestyle adjustments.
- 11 Interpret the results of advanced imaging studies accurately.
- 12 Administer the latest pharmaceutical treatments for various eye conditions.
- 13 Develop personalized treatment plans based on the latest clinical guidelines.
- 14 Conduct comprehensive eye examinations with enhanced skill.
- 15 Integrate new research findings into clinical practice.
- 16 Recognize and address complications promptly and effectively.
- 17 Enhance surgical techniques through hands-on practice and feedback.
- 18 Apply critical thinking to solve complex clinical cases.
- 19 Mentor junior residents and colleagues in the latest ophthalmic practices.
- 20 Advocate for patients' eye health and access to the latest treatments.

Session Objectives:

- 1 Review differential for retinal pathology in HIV+ patients.
- 2 Distinguish etiology of varying retinal necrosis syndromes.
- 3 Apply standard of care medical treatment for patients affected by retinal necrosis.
- 4 Recognize complications of delayed treatment.
- 5 Apply latest surgical techniques for retinal necrosis.
- 6 Educate patients on prognosis and treatment for retinal necrosis.

Accreditation Statement:

The University of Arizona College of Medicine - Tucson is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

The University of Arizona College of Medicine - Tucson designates this Live Activity for a maximum of 1.50 *AMA PRA Category 1 Credit(s)™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Relevant Financial Relationships Statement(s):

University of Arizona College of Medicine - Tucson Office of Continuing Medical Education adheres to the ACCME's Standards for Integrity and Independence in Accredited Continuing Education. Any individuals in a position to control the content of a CME activity, including faculty, planners, reviewers or others are required to disclose all financial relationships with ineligible entities

(commercial interests). The CME office reviewers have nothing to disclose. All relevant financial relationships have been mitigated prior to the commencement of the activity.

| Name of individual | Individual's role in activity | Nature of Relationship(s) / Name of Ineligible Company(s) |
|--|-------------------------------|--|
| Jonathan Holmes, MD | Planning Committee Member | Other: Food and Beverage < \$100-Amgen, Inc. (Relationship has ended) Other: Food and Beverage <\$100-Tourmaline Bio (Relationship has ended) - 10/28/2024 |
| Todd W Altenbernd, MD | Planning Committee Member | Nothing to disclose - 07/29/2025 |
| Elham Ghahari, MD | Activity Director | Nothing to disclose - 10/28/2024 |
| Avery Sears, MD, PhD, Ophthalmology Resident | Faculty | Nothing to disclose - 05/23/2025 |



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