

Ophthalmology Grand Rounds 2024

Oculomics: Predicting Systemic Diseases and Personalizing Therapies with Retinal Imaging and Deep Learning; A Long Face for Long Eyes - Myopic Degeneration

September 11, 2024 – 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 Counsel patients about their risk for systemic disease.
- 2 Diagnose systemic disease early.
- 3 Manage systemic disease progression and therapeutic response.
- 4 Describe the pathophysiology and risk factors associated with myopic degeneration.
- 5 Identify clinical exam and imaging findings in patients with pathologic myopia.
- 6 Manage complications associated with myopic degeneration.

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

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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 < \$150- Amgen, Inc. (Relationship has ended) Other: Food and Beverage <\$150-Tourmaline Bio (Relationship has ended) - 09/04/2024
Namita E Mathew, MD	Faculty	Nothing to disclose - 04/18/2024
Todd W Altenbernd, MD	Planning Committee Member	Nothing to disclose - 05/31/2024
Elham Ghahari, MD	Activity Director	Nothing to disclose - 06/04/2024
Maria Adelus, PhD	Faculty	Nothing to disclose - 09/06/2024



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