Uveitis Roadmap – Revised 4/1/2020

Current Lecture Schedules:

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<tr>
<th>Uveitis</th>
<th>Schedule A</th>
<th>Schedule B</th>
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<tr>
<td>Intro – Overview of Dx and treatment</td>
<td>Introduction – Overview of Dx and treatment</td>
<td>Retinal vasculitis</td>
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<td>Intro II – Overview of Dx and treatment</td>
<td>Anterior Uveitis</td>
<td>Multimodal imaging in uveitis</td>
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<td>Anterior Uveitis</td>
<td>Intermediate Uveitis</td>
<td>Scleritis and Episcleritis</td>
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<td>Intermediate Uveitis</td>
<td>Infectious Posterior Uveitis</td>
<td>Noninfectious posterior uveitis</td>
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<td>Infectious Posterior Uveitis</td>
<td>OKAPS review</td>
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<tr>
<td>Pediatric Uveitis – none admixed</td>
<td>Dx and Tx Vitrectomy</td>
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Proposed Sessions:

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<th>Session</th>
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| **Introduction:**
  Intro to Uveitis
  Intro to Immunosuppression | SUN working group, Approach to the Diagnosis of the Uveitides
  2000 paper on expert panel of IMT, subsequent expert panel on Biologics, and Visual Trials | • Understand epidemiology, classification, diagnostic approach, and general principles of treatment of uveitis
  • Diagnoses not to miss on call (ARN, endophthalmitis)
  • Principles of immunosuppression (will cover specific indications in subsequent lectures) |
| **Session 1:**
  Anterior Uveitis
  Episcleritis/Scleritis | Dr. Shakoor’s anterior uveitis lecture on Moran Core 10/18/19 (can skip TINU, JIA sections)
  Article: Rosenbaum JT, New developments in uveitis associated with HLA B27
  *BCSC chapter on episcleritis/scleritis* | • Identify classic features of HLA-B27 (AS, psoriatic, IBD, ReA), FHI, herpetic (HSV, VZV, CMV)
  • Distinguish episcleritis vs. scleritis
  • Understand initial approach, examination, laboratory testing of disease entities
  • Name ddx for AU with high IOP, different types of KP, nodules |
| **Session 2:**
  Pediatric Uveitis
  Intermediate Uveitis | Moran CORE – Pediatric uveitis Dr. Vitale 2017
  *BCSC chapter article on IU* | • Understand features of JIA-assoc uveitis, TINU, Blau syndrome
  • Diagnosis, workup and tx of intermediate uveitis (idiopathic, sarcoid, MS, infectious) |
| Session 3: Non-Infectious Posterior Uveitis | Moran CORE White dot syndrome overview and Birdshot video Vasculitis video  

*BCSC Chapter on white dots* | Identify and understand disease characteristics, presentation, diagnosis, and treatment of posterior uveitides and vasculitides (white dot syndromes, sarcoid, VKH, Behcet’s, SLE)  

Disease-specific indications of IMT |
| OKAPS Review | Review topics pertinent to board exam  

Recap of medication toxicities |
| Session 4 Infectious Posterior Uveitis | Review articles proposed by Dr. Larochelle + EyeWiki of rare diseases  

Moran CORE Infectious Posterior Uveitis – 2017 lecture  

*BCSC Ch. 10, 11, 12* | Identification and understanding of disease characteristics, presentation, diagnosis, and treatment of:  

- Viral retinitis (HSV, VZV, CMV) – including ARN, BARN, PORN, CMV  
- Syphilis (ASPPC)  
- Toxoplasmosis  
- Tuberculosis  
- Endogenous endophthalmitis  
- Neuroretinitis/Bartonella  
- Toxocariasis  
- Rare entities: West Nile, DUSN, onchocerciasis, Lyme, cysticercosis |

**Resources:**

- SUN Working Group  

**Moran CORE:**

• Retinal Vasculitis – 2016 (Dr. Shakoor): http://morancore.utah.edu/section-09-intraocular-inflammation-and-uveitis/retinal-vasculitis/
• Treatment of Uveitis – 2019 (Dr. Vitale): http://morancore.utah.edu/section-09-intraocular-inflammation-and-uveitis/treatment-of-uveitis/
• Pediatric Uveitis – 2017 (Dr. Vitale): http://morancore.utah.edu/section-09-intraocular-inflammation-and-uveitis/pediatric-uveitis/
• OKAP Review – 2019 (Dr. Larochelle): http://morancore.utah.edu/section-09-intraocular-inflammation-and-uveitis/okap-review-uveitis/

Core Topics
These topics are critical concepts we want residents to master during their time on the Uveitis rotations. Discussions should be in the form of a brief, informal presentation (5 minutes) prepared by the resident.

✓ New uveitis patient history-taking, approach, and initial work up (ROS, exposure history)
✓ Appropriate use of topical, periocular, and systemic steroids
✓ Indications for (and the potential toxicities) of immunomodulatory therapy, including specific side-effect profiles of individual agents.
✓ Co-management with other specialties (Rheumatology, Infectious Disease)

Required Clinical Skills
The resident is responsible for ensuring adequate exposure to the following clinical and procedural concepts while on the rotation.

✓ Grading of anterior chamber cell and flare
✓ Grading of vitreous cell and haze
✓ Intra-vitreal steroid injections
✓ Sub-Tenon’s steroid injections
✓ Interpretation of ancillary testing and imaging studies (e.g. FA, OCT, etc.)

Core Topics and Skills can be completed over the PGY-2 year on the 1-month Uveitis rotation and/or the PGY-3 year when the resident is in Uveitis clinic on their 3-month Retina rotation.

Landmark Trials:


Writing Committee for the Multicenter Uveitis Steroid Treatment (MUST) Trial and Follow-up Study Research Group, Kempen JH1, Altaweel MM2, Holbrook JT3, Sugar EA4, Thorne JE5, Jabs DA6.