WRITTEN CURRICULUM

2/08/24

ADVANCED COMPETENCY

[Current ACOE Glossary.pdf (theacoe.org)](https://theacoe.org/Affiliates/ACOE/Documents/ACOE/Current%20ACOE%20Glossary.pdf)

The demonstrated ability to provide eye care at a level beyond that of the core competencies attained upon completion of a professional optometric degree program. The ability to diagnose and manage complex, subtle, or infrequently seen visual disorders and clinical presentations.

TESTING OF ADVANCED COMPETENCY

NBEO’s ACMO Exam [ACMO® - NBEO (optometry.org)](https://www.optometry.org/exams/acmo)

covers exclusively ocular disease and associated systemic condition

ABO Exam [Exam Guide (americanboardofoptometry.org)](https://americanboardofoptometry.org/become-certified/exam-guide/)

Board certification is a voluntary credential that goes above and beyond licensing requirements for practicing optometry. It is confirmation of an optometrist’s personal commitment to providing the highest quality patient care and engaging in lifelong learning and self-assessment.

No Longer Offered

NBEO’s CPDO Exam [CPDO® Exam (nbeo.org)](https://www.nbeo.org/cpdo.cfm)

intended to assess practice-level knowledge and experience in ocular disease and related systemic conditions.

POTENTIAL TOPICS COVERED ON THESE EXAMS:

1. Lids/lashes/lacrimal/adnexa/orbit
2. Conj/cornea/refractive surgery
3. Lens/cataract/iol/preop/postop
4. Episcleral/sclera/anterior uvea
5. Vitreous/retina/choroid
6. Optic nerve/neuro pathways
7. Glaucoma
8. Emergencies/trauma
9. Systemic health

POTENTIAL TOPICS TO BE COVERED DURING RESIDENCY ACTIVITIES:

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **1** | | **lids/lashes/lacrimal/adnexa/orbit** | |  | | |  | |  | |
|  | |  | | Ptosis | | |  | |  | |
|  | |  | | Dry Eye | | |  | |  | |
|  | |  | | Blepharitis | | |  | |  | |
|  | |  | | Lid Lesions | | |  | |  | |
|  | |  | | Hordeola vs Chalazia | | |  | |  | |
|  | |  | | Preseptal vs Orbital Cellulitis | | |  | |  | |
|  | |  | |  | | |  | |  | |
| **2** | | **conj/cornea/refractive surgery** | |  | | |  | |  | |
|  | |  | | Conjunctival Lesions | | |  | |  | |
|  | |  | | Corneal Dystrophies | | |  | |  | |
|  | |  | | Keratoconus | | |  | |  | |
|  | |  | | Corneal Abrasion | | |  | |  | |
|  | |  | | Corneal Foreign Body | | |  | |  | |
|  | |  | | Pterygia | | |  | |  | |
|  | |  | | HSK vs HZV  Refractive Surgery Options  Corneal Transplants | | |  | |  | |
|  | |  | |  | | |  | |  | |
| **3** | | **lens/cataract/iol/preop/postop** | |  | | |  | |  | |
|  | |  | | Lens Assessment | | |  | |  | |
|  | |  | | Cataracts | | |  | |  | |
|  | |  | | Surgery Basics, Lens Options | | |  | |  | |
|  | |  | | Post-OP | | |  | |  | |
|  | |  | | Complications | | |  | |  | |
|  | |  | |  | | |  | |  | |
| **4** | | **episclera/sclera/anterior uvea** | |  | | |  | |  | |
|  | |  | | Episcleritis | | |  | |  | |
|  | |  | | Scleritis | | |  | |  | |
|  | |  | | Anterior Uveitis | | |  | |  | |
|  | |  | |  | | |  | |  | |
| **5** | | **vitreous/retina/choroid** | |  | | |  | |  | |
|  | |  | | DM Ret | | Recognize Ret | | |  | |
|  | |  | |  | | Stage NPDR | | |  | |
|  | |  | |  | | Recognize PDR | | |  | |
|  | |  | |  | | Recognize Mac Edema | | |  | |
|  | |  | |  | | Recognize OCT ciDME  Treatment Options | | |  | |
|  | |  | |  | | Evaluate for Change / Response to Treatment | | |  | |
|  | |  | | AMD | | |  | |  | |
|  | |  | |  | Recognize/Stage Dry | | | |  | |
|  | |  | |  | Recognize/Stage Wet | | | |  | |
|  | |  | |  | Recognize OCT Wet  Treatment Options | | | |  | |
|  | |  | |  | Evaluate for Change / Response to Treatment | | | |  | |
|  | |  | | Vein Occlusions | | |  | |  | |
|  | |  | | Artery Occlusion: these are emergencies | | |  | |  | |
|  | |  | | Retinal Embolus: neuro symptom assessment | | |  | |  | |
|  | |  | | CSC | | |  | |  | |
|  | |  | | PVD | | |  | |  | |
|  | |  | | Lattice | | |  | |  | |
|  | |  | | Retinal Breaks | | |  | |  | |
|  | |  | | Retinal Detachment | | |  | |  | |
|  | |  | | ERM | | |  | |  | |
|  | |  | | Pseudohole vs Lamellar | | |  | |  | |
|  | |  | | VMT | | |  | |  | |
|  | |  | | Mac Hole | | |  | |  | |
|  | |  | | Pachychoroid | | |  | |  | |
|  | |  | | Vitritis | | |  | |  | |
|  | |  | |  | | |  | |  | |
| **6** | | **optic nerve/neuro pathways** | |  | | |  | |  | |
|  | |  | | Swollen ONH: unilateral/bilateral | | |  | |  | |
|  | |  | | Pale ONH | | |  | |  | |
|  | |  | | VF Defects | | |  | |  | |
|  | |  | | Bell's Palsy: cranial nerve assessment  Pupils  Diplopia | | |  | |  | |
|  | |  | |  | | |  | |  | |
| **7** | | **glaucoma** | |  | | |  | |  | |
|  | |  | | Risk Factors | | |  | |  | |
|  | |  | | How to Diagnose | | |  | |  | |
|  | |  | |  | | ONH, OCT, VF | | |  | |
|  | |  | | Narrow Angle  Secondary Open Angle Glaucomas | | |  | |  | |
|  | |  | | Topical IOP Lowering Options | | |  | |  | |
|  | |  | | Laser | | |  | |  | |
|  | |  | | MIGS | | |  | |  | |
|  | |  | | Trab vs Tube  Other Surgeries/Procedures | | |  | |  | |
|  | |  | | How to detect Progression | | |  | |  | |
|  | |  | |  | | ONH, OCT, VF | | |  | |
|  | |  | |  | | |  | |  | |
| **8** | | **emergencies/trauma** | |  | | |  | |  | |
|  | |  | | |  | | --- | | Orbital Fracture | | Commotio | | Traumatic Iritis | | eyelid lacerations | | conjunctival/corneal abrasions / lacerations / foreign bodies | | ruptured globe | | | |  | | **eyelid lacerations** | |
|  | |  | |  | | |  | | ruptured globe | |
| **9** | | **systemic health** | |  | | |  | |  | |
|  | |  | | Systemic medication ocular Toxicity | | |  | |  | |
|  | |  | | Florida Oral Med options | | |  | |  | |
|  | |  | | HZV | | |  | |  | |
|  | |  | | Thyroid | | |  | |  | |
|  | |  | | Migraines/Headaches | | |  | |  | |
|  | |  | | HIV | | |  | |  | |
|  | |  | | Rheumatoid Arthritis  Sleep Apnea | | |  | |  | |
|  | |  | | Carotid Disease | | |  | |  | |
|  | |  | | Syphilis | | |  | |  | |

RESIDENTS ARE EXPECTED TO BE EXPOSED TO THESE TOPICS THROUGH VARIOUS ACTIVITIES:

1. CLINICAL ACTIVITIES
2. DIDACTIC ACTIVITIES
3. SCHOLARLY ACTIVITIES

JOURNAL CLUB (WITHIN 12 MOS) TOPICS / OPTOMETRY CONFERENCE TOPICS:

JAN GLAUCOMA

FEB VITREOUS/RETINA/CHOROID

MAR OPTIC NERVE/NEURO PATHWAYS

APRIL ANTERIOR SEGMENT

MAY GLAUCOMA

JUNE VITREOUS/RETINA/CHOROID

JULY GLAUCOMA

AUG VITREOUS/RETINA/CHOROID

SEPT OPTIC NERVE/NEURO PATHWAYS

OCT ANTERIOR SEGMENT

NOV SYSTEMIC HEALTH

DEC EMERGENCIES/TRAUMA

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