

CLINICAL CURRICULUM AY2021-2022

1. Through direct patient care, the trainee will demonstrate proficiency in the diagnosis and treatment of (minimum requirement):
 - a. Ocular conditions associated with systemic disease processes (300)
 - b. Glaucoma (300)
 - c. Anterior segment disease (100)
 - d. Optic nerve disease (100)
 - e. Macula disease (100)
 - f. Retinal vascular disease (100)
 - g. Peripheral retinal disease (100)

2. Under the guidance of the clinical faculty, the resident will demonstrate proficiency in the following diagnostic procedures:
 - a. Scleral indentation funduscopy
 - b. Advanced gonioscopy (e.g., compression gonioscopy and gonioscopic assessment of a trabeculectomy fistula)
 - c. Fundus photography
 - d. Advanced visual field analysis
 - e. Contact lens funduscopy (peripheral retina & macula)
 - f. Optical coherence tomography (OCT)
 - g. Orbital ultrasonography
 - h. Indications, protocols for ordering and interpretation of the following:
 - (1) Imaging studies (eg., CT, MRI, X-Ray)
 - (2) Laboratory studies (eg., hematology, serology, microbiology)
 - (3) Vascular studies (eg., carotid duplex, cardio-vascular components)
 - (4) Neurological studies (eg.,cranial nerve evaluation, neurologic consultation)
 - (5) Intra-venous fluorescein angiography

3. Under the guidance of the clinical faculty, the trainee will demonstrate, by direct patient encounter or in a clinical laboratory setting, proficiency in the following ambulatory surgical techniques:
 - a. Foreign body removal
 - b. Dilation and irrigation of the lacrimal puncta
 - c. Lash epilation.

4. The resident, under the guidance of the clinical faculty, will demonstrate proficiency, in performing:
 - a. Low vision examinations (10) and prescribing appropriate low vision devices;
 - b. Traumatic brain injury examinations (4).

Didactic Curriculum

1. Anterior segment
 - a. Anterior segment procedures
 - b. Orbital conditions
 - c. Lids and adnexa
 - d. Corneal diseases
 - e. Lens
2. Ocular inflammation
 - a. Anterior segment
 - b. Intermediate
 - c. Posterior segment
 - d. Ocular manifestations from systemic diseases
3. Optic neuropathy
 - a. Glaucoma
 - i. Primary
 - ii. Secondary
 - iii. Medical treatment & management
 - iv. Surgical treatment & management
 - b. Optic nerve diseases
4. Neuro-ophthalmology / Neuro-optometry
 - a. Visual field
 - b. Neuro-imaging
 - c. Cranial nerve palsies
 - d. Orbital disease
 - e. Ocular manifestations from systemic diseases
5. Retina
 - a. Retinal imaging
 - i. Conference workshops of fluorescein angiography, optic coherence tomography and orbital ultrasonography
 - ii. Didactic lectures on imaging interpretation & analysis
 - b. Macula
 - c. Peripheral retina
 - d. Vitreo-retinal disease
 - e. Retinal-vascular disease
 - f. Ocular manifestations from systemic diseases
6. Ocular urgencies and emergencies
7. Systemic testing
 - a. Laboratory testing
 - b. Imaging studies
8. Programs
 - a. VA Hudson Valley Tuesday Conference
 - b. VA Hudson Valley In-Service Workshops
 - c. VA Hudson Valley Grand Rounds Programs
 - d. VA Hudson Valley Residency Inter-disciplinary Grand Rounds
 - e. VA Hudson Valley Inter-disciplinary Rotations
 - i. Internal Medicine
 - ii. Vascular Laboratory
 - iii. Neurology

- iv. Rheumatology
- f. SUNY Friday Academic Program