Goals and Objectives
Ocular Surgical Pathology

Level: PGY5

- The PGY-5 year is one of senior leadership and the resident should be able to assume responsibility for organizing the service and supervising junior residents and students. The resident should have mastery of the information contained in standard texts and be prompt in using the literature to solve specific problems. The resident will be responsible for presentations at conferences and for teaching junior residents and students on a routine basis.

- The PGY 5 should begin to have an understanding of the role of the practitioner in an integrated health care delivery system and to be aware of the issues in health care management facing patients and physicians.

Medical Expert
- Demonstrate a working knowledge of the anatomy and histology of the eye
- Demonstrate skill in the gross dissection and sampling of tumour or tumour like lesions involving the orbit, conjunctiva, intraocular tissue such as malignant melanoma, retinoblastoma and related lesions
- Demonstrate ability to deal with difficult gross specimens i.e. specimens requiring communication with the surgeons in regard to poorly oriented specimens
- Demonstrate proficiency in the interpretation of minute tissue samples from eye lids, lacrimal glands, orbit, conjunctiva and intraocular location
- Acquire knowledge of the spectrum of eye pathology involving the eyelids, lacrimal glands, lacrimal passages, orbit, conjunctiva and intraocular tissue
- Acquire knowledge of clinically important prognostic/predictive factors for malignant melanoma
- Acquire knowledge in the use and interpretation of immunohistochemistry pertinent to pathology related to eye and its different components

Communicator/Collaborator
- Demonstrate the ability to function at a junior staff pathologist level at Ocular pathology rounds when and if needed by reviewing cases, presenting the cases at rounds and responding to questions regarding the cases
- Demonstrate the ability to teach aspects of ocular pathology at multidisciplinary rounds and teaching sessions when and if needed
- Gain an understanding of clinical aspects of ocular diseases
Manager

- Understand the importance of quality control and quality assurance measures for immunohistochemical markers used in the diagnosis of gynecological lesions including preanalytical, analytical and postanalytical variables.

- Understand the value of proficiency testing for immunohistochemistry.

Health Advocate/Professional

- Understand the importance of turn-around time for diagnostic biopsies
- Understand the implications of a diagnosis of invasive or in situ malignancy for patients
- Know when to appropriately consult an expert in ocular pathology

Scholar

- Conduct a research project or case report based on ocular pathology
- Review the pertinent literature relating to advances in ocular pathology related to topics such as, but limited to, orbit, conjunctiva and retina

Instructional Tools:

The resident will meet with the subspecialty group lead and go over this document and the overall aspects of the rotation the day before the rotation starts.

GROSSING:
-as per instructions from the supervising attending

MICROSCOPY:
- The resident will contact the attending pathologist that is scheduled to sign cases with, the day before the sign out day, in order to arrange time of sign out and distribute cases
- Retrieve pertinent clinical and radiologic information from the electronic medical records system for every case and integrate it with the pathologic findings in order to achieve a correct diagnosis.

4. ROUNDS:
Resident is expected to attend interdisciplinary and consensus conferences and present the cases. This implies reviewing the cases with the pathologist in charge before hand and organize the presentation in the appropriate format.

5. EVALUATION: The resident will be given an evaluation based on the objectives at the end of the elective.

RECOMMENDED READING:

1. Rosai and Ackerman’s Surgical Pathology, 10th Edition
3. Ocular Pathology, 7th Edition, Myron Yanoff and Joseph Sassani

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