**LU VI: OPHTHALMOLOGY 251**

**INTEGRATED CLINICAL CLERKSHIP II IN OPHTHALMOLOGY**

**Academic Year 2021-22**

DEPARTMENT OF OPHTHALMOLOGY AND VISUAL SCIENCES

COLLEGE OF MEDICINE

UNIVERSITY OF THE PHILIPPINES

**Course Description**

Ophthalmology 251 is a 2-week course split into one weeklong rotation per semester. The student acquires exposure to common eye diseases, with emphasis on subspecialty cases. Rotations in the wards and operating room, if allowed, will give the student additional insight regarding ophthalmology as a specialty.

**Credit**

2 weeks

**Prerequisites**

Ophthalmology 250 with lectures in

* Objective and Subjective Eye Examination
* Common OPD Problems – Anterior Segment
* Common OPD Problems – Posterior Segment
* Ocular Pharmacology
* Ocular Manifestations of Systemic Diseases
* Ocular Trauma and Emergencies

**Learning Objectives: PLS REFER TO INSTRUCTIONAL DESIGN**

**Must-Know and Nice-to-Know Topics**

|  |  |  |
| --- | --- | --- |
| **Topic** | **Must Know** | **Nice to Know** |
| Ophthalmic anatomy and physiology | X |  |
| Visual acuity measurement | X |  |
| Gross ophthalmologic examination | X |  |
| Extraocular muscle testing | X |  |
| Palpation tonometry | X |  |
| Direct funduscopy | X |  |
| Assessment of pupillary reflexes | X |  |
| Confrontation testing |  | X |
| Color vision testing |  | X |
| Eyelid measurements and exophthalmometry |  | X |
| Indirect ophthalmoscopy |  | X |
| Slit lamp evaluation |  | X |
| Approach to a patient with eye redness | X |  |
| Approach to a patient with blurring of vision | X |  |
| Approach to a patient with strabismus | X |  |
| Approach to a patient with proptosis | X |  |
| Approach to a patient with tearing | X |  |
| Approach to a patient with lid abnormalities |  | X |
| Emergency management of ocular trauma | X |  |
| Ocular and orbital malignancies | X |  |
| Ophthalmic medications | X |  |
| Purpose of ancillary exams | X |  |
| Interpretation of ancillary exams |  | X |
| Surgical management of eye conditions |  | X |

Priority cases for group discussions/preceptorials

* Error of refraction
* Cataract
* Conjunctivitis
* Pterygium
* Retinoblastoma
* Diabetic or Hypertensive Retinopathy
* Retinal Detachment
* Glaucoma
* Thyroid-related Eye Disease
* Trauma
* Optic Neuritis
* Orbital or Eyelid Mass
* Uveitis
* Nasolacrimal Duct Obstruction
* Dry Eye

**Class Schedule and Blueprint of Activities**

1. Orientation – The orientation will be given 1 day before shifting in.
2. Review lectures and curated videos – Materials will be provided via the UP Manila Virtual Learning Environment. Additional self-guided learning is encouraged with the aid of the prescribed textbook (Self-Instructional Materials in Ophthalmology by Valbuena and Castillo, 3rd edition).
3. Department Conferences – Conferences will be held every Tuesday and/or Thursday. Each student is required to attend at least 2 conferences.
4. Virtual Clinics and Rounds – Students are required to attend 3 during Phase 1 and 3 during Phase 2.
5. Cataract Small Group Discussion (Phase 1) – Students will be given curated videos for review. They must answer the guide questions and submit their answers by Wednesday 5pm. The synchronous session with their faculty facilitator will be scheduled on Thursday or Friday.
6. Ward Case Small Group Discussion (Phase 2) – If allowed to resume face-to-face classes, the students will interview an admitted patient and discuss the history, physical examination, management and plan. A case vignette will be provided if Phase 2 will remain purely online.
7. Community-Oriented Medical Education Project – Each student must make a meme or short video addressing a common eye-related problem or misconception about eye care. A 280-character caption and 100-word discussion must be submitted together with the media output.
8. Formative Quizzes – Short non-graded quizzes will be provided in the VLE. These are optional.
9. Summative Quizzes – Seven subspecialty quizzes will be given at the end of each block’s Phase 2 rotation.
10. Final Examination and Comprehensive Examination – These will be given at the end of the academic year.

**Evaluation**

|  |  |
| --- | --- |
| Summative quizzes | 50% |
| Cataract SGD | 10% |
| Ward Case SGD | 10% |
| COME Project | 10% |
| Final exam | 10% |
| Comprehensive exams | 10% |
| TOTAL | 100% |

A deduction of 1 point will be made for every absence in required activities.

The passing grade for this course is 75. The transmutation of grades will be as follows:

|  |  |
| --- | --- |
| 1.00 | 97-100 |
| 1.25 | 94-96.xx |
| 1.50 | 91-93.xx |
| 1.75 | 88-90.xx |
| 2.00 | 85-87.xx |
| 2.25 | 82-84.xx |
| 2.50 | 79-81.xx |
| 2.75 | 76-78.xx |
| 3.00 | 75.xx |