LEARNING UNIT: 6 COURSE COORDINATORS: Felice Katrina Ranche/ Franz Marie Cruz

COURSE CODE : OPHTHA 251 (Modified for Remote Learning)

COURSE TITLE : Integrated Clinical Clerkship II in Ophthalmology

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.

Module/System: EYE

INSTRUCTIONAL DESIGN --

LEARNING OBJECTIVE ADDRESSED:

LO1 Clinical Competence LO7 Lifelong Personal & Professional Development

LO2 Effective Communication Skills LO8 Adherence to Professional and Ethical Standards

LO3 Leadership and Management LO9 Volunteerism, Nationalism and Internationalism

LO4 Generation and Utilization of Relevant Knowledge LO10 Advocacy for Social Equity and Social Accountability

LO5 Interprofessional Practice LO11 Effective Teaching and Organization Skills

LO6 Systems-based Approach to Healthcare Practice

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| Learning Objectives | **LO Addressed** | Content | **Learning Strategies** | Resources | **Evaluation** |
| 1. Evaluate a patient with an eye problem   * Elicit and present a clear and organized history of present illness and past medical / ocular / family history * Recognize common ocular signs and symptoms, and relate them with anatomic structures and physiologic components involved | 1: P  2: D  4: P  5: P  6: P  7: P  8: P | * + Basic history taking technique   + Common signs and symptoms for ocular problems as recognized by patients   + Anatomy and physiology of the eye | * + Self-study with Self Instructional Materials (SIM) and online course content   + Small group discussions   + Ward and operating room duties   + Department conferences   + Virtual rounds   + Public health project | * + Online course content   + SIM | * + Attendance   + Written Examinations   + SGD Evaluation |
| 2. Perform a basic ophthalmologic examination   * Enumerate the steps and show the proper skills in performing the basic ophthalmologic exam * Properly record and report the findings | 1: P  2: D  4: P  5: P  6: P  7: P  8: P | Review of the 5-point ophthalmologic examination  * Normal versus abnormal findings * Anatomy and physiology of eye | * Self-study with Self Instructional Materials (SIM) and online course content * Small group discussions * Ward and operating room duties * Department conferences * Virtual rounds * Public health project | * Online course content  Snellen Chart  * Jaeger Chart * Pinhole * Penlight * Funduscopy task trainer (model eye) * SIM | * + Attendance   + Written Examination   + SGD evaluation |
| 3. Diagnose common outpatient and emergency ophthalmologic conditions   * Match the signs and symptoms presented by the patient to common eye conditions encountered in general practice and give a primary working impression * Identify differential diagnoses, and differentiate them from the primary working impression * Discuss the pathophysiology of common ophthalmologic conditions in general practice * Correlate the relevant diagnostic exams with common ophthalmologic conditions | 1: P  2: D  4: P  5: P  6: P  7: P  8: P | * Common eye conditions and their presentation * Differential diagnoses and their presentation * Diagnostic tests to rule in/out the conditions * Basic ophthalmology instruments and machines | * Self-study with Self Instructional Materials (SIM) and online course content * Small group discussions * Ward and operating room duties * Department conferences * Virtual rounds * Public health project | * Online course content  Snellen Chart  * Jaeger Chart * Pinhole * Penlight * Funduscopy task trainer (model eye) * SIM | * + Attendance   + Written Examination   + SGD evaluation |
| 4. Formulate management plans for patients with ophthalmologic conditions   * Create a complete management plan for the patient including diagnostics and therapeutics * Construct medical and surgical treatment options for patients presenting with common ophthalmologic conditions * Recognize ophthalmologic conditions necessitating further referral to a sub-specialist or another specialist | 1: P  2: D  3: P  4: P  5: P  6: P  7: P  8: P  9: D  10: D | * Ocular pharmacology * Supportive treatment options * Diagnostic tests * Background of laser procedures in ophthalmology * Background of surgical procedures in ophthalmology | * Self-study with Self Instructional Materials (SIM) and online course content * Small group discussions * Ward and operating room duties * Department conferences * Virtual rounds * Public health project | * Online course content * SIM | * + Attendance   + Written Examination   + SGD evaluation |
| 5. Demonstrate proper attitudes towards patients and families of patients with visual problems and disabilities   * Identify opportunities for community-oriented ophthalmology in the hospital setting * Explain eye condition in a way that is understood * Respect patient’s confidentiality and privacy * Take needed precautions to avoid injury during patient’s consultation * Care conscientiously for assigned patients with the appropriate professional, ethical and moral conduct | 1: P  2: D  3: P  4: P  5: P  6: P  7: P  8: P  9: D  10: D  11: D | * Health systems in patient management * Community-oriented ophthalmology * Multidisciplinary patient care | * Self-study with Self Instructional Materials (SIM) and online course content * Small group discussions * Ward and operating room duties * Department conferences * Virtual rounds * Public health project | * Online course content * SIM | * + Attendance   + Written Examination   + SGD evaluation   + Public health project evaluation |
| 6. Appreciate the team approach and the roles of other healthcare professionals in the care of patients with visual problems   * Collaborate with members of the eye-team and other health professionals in the care and treatment of the patient | 1: P  2: D  3: P  4: P  5: P  6: P  7: P  8: P  9: D  10: D  11: D | * Health systems in patient management * Multidisciplinary patient care | * Self-study with Self Instructional Materials (SIM) and online course content * Small group discussions * Ward and operating room duties * Department conferences * Virtual rounds * Public health project | * Online course content * SIM | * + Attendance   + Written Examination   + SGD evaluation   + Public health project evaluation |
| 7. Apply principles of evidence-based medicine in the management of eye conditions   * Develop inquisitiveness * Meaningfully interpret results of scientific studies * Critically appraise relevant literature * Present well referenced case discussion and report * Appreciate the value of research in eye care and health | 2: D  3: P  4: P  6: P  7: P  8: P  9: D  10: D  11: D | * Health-related research * Literature review and journal appraisal | * Self-study with Self Instructional Materials (SIM) and online course content * Small group discussions * Ward and operating room duties * Department conferences * Virtual rounds * Public health project | * Online course content * SIM | * + Attendance   + Written Examination   + Preceptorial evaluation   + SGD evaluation   + Public health project evaluation |
| 8. Demonstrate noteworthy attitudes, ethics and professionalism   * Accomplish tasks assigned * Offer and receive constructive criticism * Display the following appropriate behaviors - proper dress and grooming, frequent hand washing, punctuality, reliability, resourcefulness, honesty, respect, initiative * Display commitment to continuous self improvement | 1: P  2: D  3: P  4: P  5: P  6: P  7: P  8: P  9: D  10: D  11: D | * Professional decorum * Rights of patients and physicians * Principles of bioethics * Propriety in social media | * Self-study with Self Instructional Materials (SIM) and online course content * Small group discussions * Ward and operating room duties * Department conferences * Virtual rounds * Public health project | * Online course content * SIM | * + Attendance   + Written examination   + SGD evaluation   + Public health project evaluation |