MS4 Elective Curriculum

Loyola University Medical Center – Department of Ophthalmology

Anuradha Khanna, MD – Medical Student Director

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|  | Teaching session | Clinic goals (SEE GOALS SHEET) | Operating room goals |
| Week 1  July 2  10a-1p  APEC L60F (Basement of Stritch school of medicine) | 1. Orientation- schedules, logistical information, resources 2. Education session 1: anatomy | Comprehensive:  1. slit lamp operation – how to turn it on, positioning, locking, controls  2. Instillation of drops  3. use slit lamp to see cataracts  4. use 90 diopter lens (10 attempts)  Retina: observe retinal imaging, indirect ophthalmoscopy/20D lens use (10 attempts in the month), diabetic retinopathy manifestations and treatments, observe intraocular injection, observe laser tx  Glaucoma: observe IOP measure, see cupped nerve, how to read RNFL OCTs, observe gonio, VF scotoma, observe glaucoma laser  Neuro: pupil exam in light and dark, observe color vision testing, list 3 conditions you see  Oculoplastics: ptosis patient, Hertel testing, observe minor procedure, list 3 conditions  Cornea: observe Schirmer’s, use slit lamp to see corneal lesion, see floppy eyelid, list 3 conditions you see | 1st OR day:  OR Etiquette (Introduce yourself, Discreet discussion with an awake patient)  Observe scrub technique  Observe pre-op routine and post op care |
| Week 3  Mon July 16  9a-12p  TBD | Education session 2 |  |
| Week 4  Wed July 25  2-4 pm\* | Education session 3  Quality improvement project presentation | 2nd OR day  Observe at least 1 cataract surgery and 1 subspecialty surgery if available  Helpful E-books:  Cataract surgery instruments  Zeiss OPMI Lumera miscroscope book |
| Week 4  Thurs July 26  APEC L60F | Education session 4  End of rotation meeting |  |

Quality Improvement Project Prompt: As a group, investigate the cost of eye drops that are commonly prescribed. How does insurance coverage affect the cost for different individuals? How do physician perceptions of cost differ from actual cost? You will have 20 min in the last week to present this information in whichever format you decide on.