NEUROPATHOLOGY ROTATION ACTIVITY CHECKLIST

Goals and Expectations

In addition to participating in surgical and autopsy neuropathology services, trainees are expected through reading and online didactic materials to obtain a broad perspective on the field of Neuropathology. The following week-to-week breakdown of the expected engagement can function as an example of how to structure your educational time.

Week 1

- Attend Monday meeting with Rotation Director to review rotation and website
- Attend first Monday Noon – 1:00 pm Neuropathology for Neurologists conference
- Read Robbins chapter on Neuropathology
- Review PowerPoints and Quizzes in Canvas:
  - Neuroanatomy/Histology
  - Hydrocephalus
  - Hypoxia/Ischemia
  - Forensics Part 1 & 2
- Review CPC cases: 72, 82, 97, 107
- Attend Thursday 9:00 AM Experimental Neuropathology Conference
- Attend Thursday 10:00 AM QA Conference

Week 2

- Read 100 pages of Prayson or Ellison and Love Neuropathology texts
- Review PowerPoints and Quizzes in Canvas:
  - Non-glial tumors
  - Glial tumors
- Review CPC cases: 1, 11, 17, 26, 27, 46, 57, 62
- Complete Magical Stain Test A in Canvas
- Complete Pediatric Neuropathology Test A in Canvas
- Attend Thursday 9 AM Experimental Neuropathology Conference
- Attend Thursday 10:00 AM QA Conference

Week 3

- Read 100 pages of Prayson or Ellison and Love Neuropathology texts
- Review PowerPoints and Quizzes in Canvas:
  - Metabolic/toxic and white matter disease
  - Non-viral infections
  - Viral infections
  - Vascular
- Review CPC cases: 2, 7, 16, 76, 91, 111, 112
- Complete Magical Stain Test B in Canvas
- Attend Thursday 9 AM Experimental Neuropathology Conference
- Attend Thursday 10:00 AM QA Conference

Week 4

- Read 100 pages of Prayson or Ellison and Love Neuropathology texts
- Review PowerPoints and Quizzes in Canvas:
Pediatric tumors
Neurodegeneration

- Review CPC cases: 31, 51, 71, 101, 102
- Complete Pediatric Neuropathology Test B in Canvas
- Complete Magical Stain Test C in Canvas
- Attend Thursday 9 AM Experimental Neuropathology Conference
- Attend Thursday 10:00 AM QA Conference

Exit interview – Final Friday

- Assessment of rotation
  - Readings, web, conferences, didactic materials (Quizzes)

At the end of the rotation you should be able to:

- Create a differential diagnosis for clinical findings
- Know histopathological findings of common neuropathology entities:
  - Glioma, metastases, meningioma, reactive conditions
- Create diagnostic evaluation panel for clinical differential diagnosis
- Know purpose of molecular analysis of common neuropathology entities
- Know how to use neuropathology texts to discover methodology for evaluation of uncommon neuropathological entities.

Any questions on course structure and web access please contact Karen Weber by email (weberkm@upmc.edu) or phone (412-624-7897).