

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).