



## Neurology 7510: Neurology Clerkship 2024-2025

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### CONTACT INFORMATION:

**Clerkship Director:** Kelsey Gagesch, M.D.  
**Office Location:**  
**Email:** [gages001@umn.edu](mailto:gages001@umn.edu)



**Asst. Director:** Brittani Conway, M.D.  
**Office Location:** PWB  
**Email:** [conw0059@umn.edu](mailto:conw0059@umn.edu)

**Clerkship Coordinator:** Patrick Puskala  
**Email:** [umeneuro@umn.edu](mailto:umeneuro@umn.edu)

**SYLLABUS STATEMENT:** The purpose of this document is to provide clarity about clerkship expectations. Consider using this document as a guide for this clerkship, and to provide transparency and accountability for all.

### CLERKSHIP DESCRIPTION:

The goals of the neurology clerkship are to increase clinical skills in diagnosing and treating neurologic illnesses, to stimulate interest in clinical neurosciences, and to increase awareness of the role of the neurologist. Upon completion of the course, the student will be familiar with common neurological disorders and will have a sense for when neurologic consultation is appropriate.

**Canvas Site:** <https://canvas.umn.edu/courses/446565>

**Clinical Sites** HCMH, Fairview/UMMC, Health Partners/Regions Hospital, Fairview Southdale, VAMC

**Specifics:** Information specific to your clinical sites will be sent out with your assignment.

**Prerequisites:** Successful completion of first and second years

**Length of Clerkship:** 4 weeks

### CLERKSHIP LEARNING OBJECTIVES

Learning in this clerkship is directed by the following objectives. Upon successful completion of this course, the learner will be able to:

- *Begin to appraise neurological patients through patient history and physical examination and describe clinical profiles of common neurological disorders.*
- *Learn the value, limitations, indications, and contraindications of common diagnostic procedures (LP, EEG, EMG, and neuroimaging techniques).*

- *Begin to develop a differential diagnosis and management plan informed by the history, general physical exam, neurological exam, laboratory and specialized diagnostic procedures.*
- *Begin to identify, assess, and formulate management plans for neurological disorders: localized central nervous system dysfunction, neurodegenerative disorder.*

### GRADING AND ASSESSMENT:

The goal is to evaluate individual learning and performance of Clerkship Learning Objectives in this clinical rotation. The grading for this clerkship is Pass/No Pass. Each component is listed and described below as to what is needed in order to pass the clerkship.

#### Assessment Grid:

Assessment	Threshold/ Graded	Passing Criteria
Threshold: criteria that needs to be completed Graded: a calculated score at a designated percentage		
Required Clerkship Encounters (RCEs)	Threshold	Required Clinical Encounters Handout - Neuro.pdf
Entrustable Professional Activities (EPAs)	Threshold	Complete 6 EPAs, including 1, 2, 3, 5, 6, and 9.
Clinical Skills Assessment (CSA)	Both	Complete Mid-Clerkship Feedback (MCF) CSA and Final CSA <ul style="list-style-type: none"> <li>○ MCF and RCE attestations are included on mid CSAs</li> <li>● Score Final CSA score at 3.5 or higher</li> </ul>
Brain Pods - Online	threshold	
Clinical Reasoning: Cerebrovascular Disease - Online	threshold	
Clinical Reasoning: Localization of Lesions - Online	threshold	
Clinical Reasoning: Infectious Disease - Online	threshold	
Clinical Reasoning: Mechanical Injury - Online	threshold	
Clinical Reasoning: MRI Sequences - Online	threshold	
Shelf Practice	threshold	
Problems in Neurology project	threshold	peer feedback
Neurology History and Physical	threshold	
Shelf Exam Clinical Neurology	both	passing score above 61%

Sample Clerkship Calendar - Half of students will start with clinical weeks and half will start with brain weeks. The study progression in the brain weeks is only a suggestion.

Clinical Weeks							
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Week 1	Neurology Clinical Service - Inpatient	Neurology Clinical Service - Inpatient	Neurology Clinical Service - Inpatient	Neurology Clinical Service - Inpatient	Neurology Clinical Service - Inpatient <b>MID-CLERKSHIP FEEDBACK</b>	Neurology Clinical Service - Inpatient	
Week 2	Neurology Clinical Service - Inpatient <b>De-identified Neurology H &amp; P note due</b>	Neurology Clinical Service - Inpatient	Neurology Clinical Service - Inpatient	Neurology Clinical Service - Inpatient	<b>Neurology SHEL F Exam (Pass/Fail)</b>  Independent Learning Time		

	Sun	Monday	Tuesday	Wednesday	Thursday	Friday	Sat	Brain Pods
Week 3		Familiarization with Canvas site / tasks	<b>-Team Active Learning</b> - Problems in Neurology Project -Neuro Exam Practice	Brain Pods	Brain Pods	Clinical Reasoning MRI Sequences - MRI Diagram - shelf stem		<b>These are the ultimate resource to enrich your neurology experience! Mix-n-match, plug a hole in your study schedule.</b>  <b>1. Intro/Neuroanatomy</b> <b>2. Neurobiology and Neuropharmacology</b> <b>3. Coma/Consciousness</b> <b>4. Sleep</b> <b>5. Cognitive Disorders</b> <b>6. Movement Disorders</b> <b>7. Epilepsy</b> <b>8. Demyelinating Disease</b> <b>9. Peripheral Neuropathy</b> <b>10. NMJ /Muscle Disease</b> <b>11. Stroke</b> <b>12. Headache</b> <b>13. Pediatric Neurology</b>
		Neuro Exam  Localization Activity	Clinical Reasoning CVA - blood flow - shelf stem	Clinical Reasoning Mechanical Injury - shelf stem	Clinical Reasoning CNS Infection - Lumbar Punct. - Shelf Stem	Formative quiz Clinical Neurology - study reflection		
Week 4		Small Group Project submission	<b>-Problems in Neurology Jigsaw</b>  <b>-Neuro Exam Skill Assessment</b>	Study Time	Study Time	<b>Neurology SHEL F Exam (Pass/Fail)</b>		
		Study Time	Study Time	Study Time	Study Time	Independent Learning Time		

### COURSE GUIDELINES AND POLICIES:

<b>All Medical Student Policies</b>	<a href="#">University of Minnesota Medical Student Policies</a>
<b>Attendance and Excused Absences</b>	<a href="#">Attendance Requirements and Excused Absences</a>
<b>Disability Resources</b>	<a href="#">Medical Students with Disabilities</a>
<b>Duty Hours</b>	<a href="#">Duty Hours, Years 3 &amp; 4</a>

<b>Grades and Incomplete Contracts</b>	<a href="#">Grading &amp; Grade Appeals</a>
<b>Mistreatment</b>	<a href="#">Student Mistreatment Policy</a>
<b>Professionalism</b>	<a href="#">Student Conduct Code</a>
<b>Remediation</b>	<a href="#">Scholastic Standing Committees</a>
<b>Syllabus Change</b>	Except for changes that substantially affect implementation of the evaluation (grading) statement, this syllabus is a guide for the course and is subject to change with advance notice.