

UNITED COUNCIL  
FOR  
NEUROLOGIC  
SUBSPECIALTIES

# UCNS Clinical Neuromuscular Pathology Milestones

Draft 5 for Comment Period

For definitions and instructions to complete milestones, please visit the [ACGME website](#).

- UCNS Common Milestones for Interpersonal & Communication Skills, Practice-based Learning and Improvement, Professionalism, and Systems-based Practice, adopted from the ACGME Clinical Neurophysiology milestones – Not included for comment period

1. Patient Care: Interpretation and Diagnosis				
Level 1	Level 2	Level 3	Level 4	Level 5
<ul style="list-style-type: none"> <li>• Discusses importance of diagnoses and test results in patient care</li> <li>• Identifies normal states and reference ranges</li> <li>• Describes indications for common tests</li> </ul>	<ul style="list-style-type: none"> <li>• Identifies pertinent test results and correlates to clinical findings to develop a differential diagnosis</li> <li>• Distinguishes normal from abnormal findings</li> <li>• Proposes appropriate initial tests</li> </ul>	<ul style="list-style-type: none"> <li>• Consistently integrates test results with clinical findings to refine differential and propose a diagnosis</li> <li>• Identifies confounding factors, artifacts, and pre-analytic issues</li> <li>• Proposes and interprets ancillary tests in clinical context</li> </ul>	<ul style="list-style-type: none"> <li>• Makes accurate diagnoses and interpretations of test results</li> <li>• Gives consideration to confounding factors in formulating an interpretation(s) and diagnoses</li> <li>• Recommends further work-up using diagnostic algorithms and recommends therapeutic options, as appropriate</li> </ul>	<ul style="list-style-type: none"> <li>• Is an expert diagnostician</li> <li>• Proposes optimal diagnostic and therapeutic strategies based on patterns within a population</li> </ul>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Comments:</b>				<b>Not Applicable</b> <input type="checkbox"/>

2. Medical Knowledge: Clinical Reasoning				
Level 1	Level 2	Level 3	Level 4	Level 5
<ul style="list-style-type: none"> <li>• Demonstrates a basic framework for clinical reasoning</li> <li>• Identifies appropriate resources to inform clinical reasoning</li> </ul>	<ul style="list-style-type: none"> <li>• Demonstrates clinical reasoning to determine relevant information</li> <li>• Selects relevant resources based on scenario to inform decisions</li> </ul>	<ul style="list-style-type: none"> <li>• Synthesizes information to inform clinical reasoning, with assistance</li> <li>• Seeks and integrates evidence-based information to inform diagnostic decision making in complex cases, with assistance</li> </ul>	<ul style="list-style-type: none"> <li>• Independently synthesizes information to inform clinical reasoning in complex cases</li> <li>• Independently seeks out, analyzes, and applies relevant original research to diagnostic decision making in complex clinical cases</li> </ul>	<ul style="list-style-type: none"> <li>• Demonstrates intuitive approach to clinical reasoning for complex cases</li> </ul>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Comments:</b> <span style="float: right;"><b>Not Applicable</b> <input type="checkbox"/></span>				

3. Practice-Based Learning and Improvement: Evidence-Based Practice and Scholarship				
Level 1	Level 2	Level 3	Level 4	Level 5
<ul style="list-style-type: none"> <li>• Demonstrates how to access and select applicable evidence</li> <li>• Aware of the need for patient privacy, autonomy, and consent as applied to clinical research</li> </ul>	<ul style="list-style-type: none"> <li>• Identifies and applies the best available evidence to guide diagnostic workup of simple cases</li> <li>• Develops knowledge of the basic principles of research (demographics, Institutional Review Board, human subjects), including how research is evaluated, explained to patients, and applied to patient care</li> </ul>	<ul style="list-style-type: none"> <li>• Identifies and applies the best available evidence to guide diagnostic work-up of complex cases</li> <li>• Applies knowledge of the basic principles of research such as informed consent and research protocols to clinical practice, with assistance</li> </ul>	<ul style="list-style-type: none"> <li>• Critically appraises and applies evidence to guide care, even in the face of conflicting data</li> <li>• Proactively and consistently applies knowledge of the basic principles of research such as informed consent and research protocols to clinical practice</li> </ul>	<ul style="list-style-type: none"> <li>• Teaches others to critically appraise and apply evidence for complex cases; and/or participates in development of guidelines</li> <li>• Suggest improvements to research regulations and/or substantially contributes to the primary literature through basic, translational, or clinical research</li> </ul>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Comments:</b>				<b>Not Applicable</b> <input type="checkbox"/>

4. Professionalism: Self-Awareness and Help-Seeking				
Level 1	Level 2	Level 3	Level 4	Level 5
<ul style="list-style-type: none"> <li>Recognizes limitations in the knowledge/skills/ behaviors of self or team, with assistance</li> <li>Recognizes status of personal and professional well-being, with assistance</li> </ul>	<ul style="list-style-type: none"> <li>Independently recognizes limitations in the knowledge/skills/ behaviors of self or team and seeks help when needed</li> <li>Independently recognizes status of personal and professional well-being and seeks help when needed</li> </ul>	<ul style="list-style-type: none"> <li>Proposes and implements plans to remediate or improve the knowledge/ skills/behaviors of self or team, with assistance</li> <li>Proposes and implements a plan to optimize personal and professional well-being, with assistance</li> </ul>	<ul style="list-style-type: none"> <li>Independently develops and implements a plan to remediate or improve the knowledge/skills/ behaviors of self or team</li> <li>Independently develops and implements plans to optimize personal and professional well-being</li> </ul>	<ul style="list-style-type: none"> <li>Serves as a resource or consultant for developing plans to remediate or improve the knowledge/ skills/behaviors</li> <li>Coaches others when responses or limitations in knowledge/skills do not meet professional expectations</li> </ul>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Comments:</b>				<b>Not Applicable</b> <input type="checkbox"/>