

Integrated Clinical Education – Planned Learning Experience (PLEX)

Plex #: 34	Plex Title: Deep Tendon Reflex testing	Date created: 7/28/2014
------------	--	-------------------------

ICE Week/Number	Continuum of Care	Patient Management Component	Curricular Thread	
<input type="checkbox"/> ICE I- Week 1	<input checked="" type="checkbox"/> IP Acute/ICU	<input checked="" type="checkbox"/> Exam/Eval	<input type="checkbox"/> Quality Improvement and Safety	<input type="checkbox"/> Patient Centered Care
<input checked="" type="checkbox"/> ICE I- Week 2	<input checked="" type="checkbox"/> IP Rehab	<input type="checkbox"/> Dx/Prognosis	<input type="checkbox"/> Teamwork and Collaboration	<input type="checkbox"/> Movement for Participation
<input checked="" type="checkbox"/> ICE II	<input checked="" type="checkbox"/> Outpatient	<input type="checkbox"/> Plan of Care	<input type="checkbox"/> Teamwork and Collaboration	<input checked="" type="checkbox"/> Clinical Reasoning and Evidence Based Practice
	<input type="checkbox"/> School	<input type="checkbox"/> Intervention		
	<input type="checkbox"/> Not Setting Specific	<input type="checkbox"/> Outcomes		

Brief Description of the Planned Learning Experience:

Students will demonstrate testing of deep tendon reflexes and will link knowledge of pathology and/or anatomy involved in any abnormalities noted.

Objectives	Description of Actual Learning Experience	Anticipated time to complete	Recommended Preparation or Readings
<ol style="list-style-type: none"> 1. Students will demonstrate proficient DTR testing. 2. Students will link neuromuscular anatomical concepts and pathology to patient presentation. 3. Students will articulate the purpose of performing a DTR exam and demonstrate understanding of when to choose particular tests. 	<ol style="list-style-type: none"> 1. One student will assess deep tendon reflexes in a patient. 2. The students and CI will discuss neuromuscular structures and neural processes involved in normal DTRs. Students will hypothesize pathologies (upper motor neuron versus lower motor neuron) that may contribute to abnormalities found. 3. Further discussion can include: when to perform a DTR assessment, reviewing concepts of the reflex arc, normal variations in DTR presentation, facilitation techniques. 	<ol style="list-style-type: none"> 1. DTR testing with a patient: 5 minutes 2. Discussion: 15-20 minutes <p>Total: 20-30 minutes</p>	<ol style="list-style-type: none"> 1. Exam/Eval content regarding DTR testing

Modified with permission from Duke University DPT