

Integrated Clinical Education – Planned Learning Experience (PLEX)

Plex #: 46	Plex Title: Selection and application of electrotherapy modalities	Date created: 11/5/2014
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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 type="checkbox"/> Exam/Eval	<input checked="" type="checkbox"/> Quality Improvement and Safety	<input checked="" 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"/> Movement for Participation
<input checked="" type="checkbox"/> ICE II	<input checked="" type="checkbox"/> Outpatient	<input type="checkbox"/> Plan of Care	<input checked="" type="checkbox"/> Teamwork and Collaboration	<input checked="" type="checkbox"/> Clinical Reasoning and Evidence Based Practice
	<input type="checkbox"/> School	<input checked="" type="checkbox"/> Intervention		
	<input type="checkbox"/> Not Setting Specific	<input type="checkbox"/> Outcomes		

Brief Description of the Planned Learning Experience:

The student will select an appropriate electrotherapy waveform and demonstrate safe and appropriate procedures to deliver the selected type of electrical stimulation. (Can be completed with individual students or modified to be appropriate for completion as a student team)

Objectives	Description of Actual Learning Experience	Anticipated time to complete	Recommended Preparation or Readings
1. Student will demonstrate adequate knowledge of electrotherapy to make appropriate selection (NMES, Iontophoresis, IFC, HVPC, or TENS), for the patient case. 2. Student will demonstrate safe techniques when applying electrotherapy. 3. Student will demonstrate effective and patient-friendly communication skills throughout the encounter. 4. Student will be able to describe appropriate delegation of skill to PTA and provide appropriate level of communication of the intervention for PTA to perform.	1. The student will determine an appropriate type of electrical stimulation (NMES, IFC, Iontophoresis, HVPC, or TENS) to be used during the patient encounter and explain rationale for the use to the patient using patient-friendly language. 2. The student will follow procedures appropriate to the practice setting to deliver the selected type of electrotherapy to the patient. 3. The CI will facilitate a discussion with the student regarding the use of electrotherapy and provide feedback on communication and application of electrical stimulation.	Patient encounter = ~15 minutes CI/Student discussion = 15-20 minutes Total time: 30-45 minutes	Foundations of Intervention II- Electrotherapy unit material Site specific guidelines, manuals, etc. related to use of electrotherapy modalities

