Integrated Clinical Education – Planned Learning Experience (PLEX)

Plex #: 48	Plex Title: ECG Interpretation	Date created: 7/26/2015

ICE Week/Number

- ☐ ICE I- Week I
- ☐ ICE I- Week 2
- ☑ ICE II

Continuum of Care

- ☑ IP Acute/ICU
- ☐ IP Rehab
- ☐ Outpatient
- ☐ School
- ☐ Not Setting Specific

Patient Management Component

- ☐ Exam/Eval
- ☑ Dx/Prognosis
- ☑ Plan of Care
- ☑ Intervention
- ☐ Outcomes

Curricular Thread

- ☐ Quality Improvement and Safety
- ☐ Patient Centered Care
- ☐ Movement for Participation
- ☐ Teamwork and Collaboration
- ☑ Clinical Reasoning and Evidence Based Practice

Brief Description of the Planned Learning Experience:

Students will review the ECG results of a patient (or multiple patients), identify components of the ECG and identify how ECG results may impact the patient's plan of care.

Objectives	Description of Actual Learning Experience	Anticipated time to complete	Recommended Preparation or Readings
1. The student will be able to identify specific components of an ECG. 2. The student will be able to accurately interpret the ECG as normal and abnormal. 3. The student will be able to recognize the impact of abnormal heart rhythm on patient hemodynamics. 4. The student will be able to suggest modifications to the POC based on ECG results and potential impact on patient response to activity.	1. Students will work individually or in pairs to analyze an ECG of an existing patient on their caseload. Students will idenitify P waves, QRS complex, T waves, time intervals and interpret components and intervals as normal and abnormal. 2. Students will discuss the impact of abnomal components on the patient's hemodynamics and response to activity. 3. Students will suggest modifications to the plan of care for the patient based on the results. 4. Student will implement modified POC with the patient and monitor response to activity.	1. ECG interpretation: 10-15 minutes 2. Discussion: 15 minutes 3. Implementation of modified POC: variable	1. Medical Conditions I Panopto and Lecture content related to ECG 2. ACSM's Guidelines for ExerciseTesting and Prescription 3. Medical Conditions course coordinator (contact with specific questions, consultation, etc.)