



BAKER COLLEGE

STUDENT LEARNING OUTCOMES

CAS2050B Clinical Affiliation I
4 Semester Credit Hours

Student Learning Outcomes and Enabling Objectives

1. Demonstrate appropriate and professional behavior expected at a clinical site.
 - a. Apply HIPPA guidelines.
 - b. Utilize professional behavior to demonstrate effective verbal and non-verbal communication skills with patient, family, and staff to provide patient care and comfort.
2. Interpret the proper use of EKG/stress equipment.
 - a. Demonstrate proper EKG and stress testing hook up and machine use.
 - b. Identify abnormal EKG/Stress results.
 - c. Observe other diagnostic testing in or near a cardiovascular department, which may include but not limited to vascular, EEG, nuclear studies, cardiac Cath lab, and pacemaker.
3. Demonstrate the proper use of controls on the ultrasound equipment.
 - a. Input patient data.
 - b. Demonstrate 2D and m-mode controls including gain, depth and image enhancement.
 - c. Capture still frame and cine loop images.
 - d. Demonstrate basic calculations and measurement controls.
4. Demonstrate areas (windows) on patients where echo images can be obtained.
 - a. Obtain quality parasternal images.
 - b. Obtain quality apical images.
 - c. Obtain quality subcoastal and SSN images.
 - d. Obtain quality m-mode graphs.
 - e. Calculate 2D and M-mode measurements as required.

Big Ideas and Essential Questions

Big Ideas

- Professional Behavior/Patient Care
- Stress Testing
- EKG Equipment
- 2D Echo Exam
- M-mode Exam

Essential Questions

1. How do you properly perform EKG and stress testing?
2. How do you properly perform a 2D and M-Mode exam?

3. What does professional behavior look like in the Cardiac Sonography field?

These SLOs are not approved for experiential credit.
Effective: Summer 2021