



BAKER COLLEGE

STUDENT LEARNING OUTCOMES

RDT 4130 Clinical Practicum III
6 Semester Hours

Student Learning Outcomes and Enabling Objectives

1. Perform safe clinical practices.
 - a. Apply safe patient care practices.
 - b. Apply radiation safety procedures during clinical practice.
 - c. Apply the principles of total quality management and documentation in accordance with institutional and national quality management procedures.
 - d. Apply procedures in response to emergencies, disasters and accidents as necessary.
 - e. Adapt to dynamic clinical situations.
2. Perform simulation, localization and therapeutic procedures as they pertain to radiation therapy in accordance with national patient safety standards.
 - a. Implement treatment plans.
 - b. Position patient in accordance with institutional guidelines.
 - c. Prepare immobilization devices, beam alignment and beam modification devices.
3. Use radiation therapy equipment.
 - a. Apply theory to technique while operating equipment.
 - b. Deliver a prescribed course of treatment adhering to acceptable departmental, institutional, governmental and professional standards.
 - c. Detect equipment malfunctions and take appropriate action.
 - d. Demonstrate the principles of radiation protection.
4. Display professionalism while interacting with patients, family members, treatment team members and the general population.
 - a. Demonstrate appropriate written and oral communication skills, including record keeping.
 - b. Participate in patient education with regards to side effects and complications to create a multidisciplinary management strategy that fosters prevention, healing and comfort.
 - c. Apply concepts of teamwork.
 - d. Demonstrate legal and ethical practices.
 - e. Maintain patient confidentiality, including HIPAA, and patient rights during clinical practice.
 - f. Operate within the radiation therapy scope of practice.
 - g. Participate in professional developmental consistent with acceptable standards.
5. Use critical thinking skills for accurate and appropriate treatment delivery.
 - a. Express priorities and adapt to changing clinical situations.
 - b. Assess the patient's status and condition in order to deliver a prescribed course of radiation therapy.
 - c. Monitor tumor lethal dose and normal tissue tolerance dose.
 - d. Demonstrate the ability to adapt to diverse patient populations.

6. Investigate alternative/emerging methods of treatment to include:
 - a. Tomotherapy
 - b. Gamma knife
 - c. Cyber Knife
 - d. Proton Therapy

Required Element:

Pass the Clinical Capstone Assessment with a B- or better.

Big Ideas and Essential Questions

Big Ideas

- Safety
- Professionalism
- Correlate theory and technique
- Treatment delivery

Essential Questions

1. Why is it important to display professionalism in the work place?
 2. What is the importance of safety?
 3. What is the importance of applying theory to technique?
 4. How does communication impact the clinical environment?
 5. What is the importance of accurate treatment delivery?
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These SLOs are not approved for experiential credit.

Effective: Fall 2017