Y34 Wound Care and Hyperbaric Medicine

**Course ID:** MED 797AY/997AY  
**Discipline:** Surgery  
**Prerequisites:** MED 810 General Surgery Clerkship  
**Available Sites:** Lapeer  
**Duration:** 4 weeks

**Description**

The purpose of Wound Care and Hyperbaric Medicine clerkship is to prepare the student to recognize risk factors for, and subsequent development of wounds and wound complications. Students will also learn measures to protect skin integrity and methods to treat chronic wounds.

**Key Objectives**

- Identify types of pressure induced skin injury
- List risk factors for ulcer formation
- List and describe states of a pressure ulcer
- Describe common skin hygiene products
- List and describe various treatment modalities for pressure ulcers and other chronic, non-healing wounds.
- List the indications for hyperbaric oxygen treatment in the management of chronic wounds.
- Describe the pathophysiology of hyperbaric treatment as it pertains to wound healing.
- Describe techniques for and perform wound debridement
- Correctly described the type, depth and extent of wound
- Propose treatment plan for wounds evaluated
- Describe the societal impact of wounds, particularly cost of inpatient admissions
- Identify and describe strategies employed at primary care office that can mitigate potential development of chronic wounds
- Identify and describe strategies employed in hospitals that can mitigate potential development of chronic wounds
- Describe the importance of a multi-disciplinary approach to the diagnosis and care of patients with wounds
- Comprehend the role of wound care nursing, inpatient nursing, hyperbaric technologists, pharmacists and other medical professionals as it pertains to Wound Clinic.
- Demonstrate skill in the exchange of information with patients and their families.
- Demonstrate the ability to work cooperatively within a multi-disciplinary team

**Assessment Method**

College of Medicine standard elective assessment will be completed by supervising faculty at conclusion of elective clerkship.

**Scheduling Information**

Interested students should contact CMU College of Medicine Department of Distributed Clinical Education at CMEDDCE@cmich.edu.