

LEARNING OBJECTIVES: EL SURGERY BURN SURGERY ELECTIVE (BRIDGEPORT HOSPITAL)

Overarching Goals of Curriculum	Elective objectives: By the end of the rotation, students will be expected to:	Where/how taught <i>(location or learning activity)</i>	Taught by <i>(attending, fellows, etc.)</i>	How student's achievement of objective is assessed <i>(assessment method)</i>	How feedback is given <i>(feedback method)</i>	Quantity target <i>(target number of patients/ events during rotation)</i>
1, 2, 3, 4, 5, 6	<p>1. History skills: Gather the important information that is needed for the general history and complete a history in the medical record for 3 inpatients per week.</p> <p>a. The student should name all the routine questions that are involved in taking a history of a burn patient.</p>	Bridgeport Hospital	Residents & attendings.	Direct Observation.	Verbal, ongoing and mid-rotation.	3 inpatients per week
1, 2, 3, 4, 5	<p>2. Physical examination skills: Performs accurate, rapid and thorough physical exam on burn patients.</p> <p>a. Correctly estimates burn depth and extent.</p> <p>b. Demonstrates understanding of scar contracture and release.</p> <p>c. Provides adequate analgesia and sedation.</p> <p>d. Manages fluid resuscitation optimally.</p> <p>e. Correctly assesses critically ill patients.</p>	Bridgeport Hospital	Residents & attendings	Direct Observation.	Verbal, ongoing and mid-rotation.	3 inpatients per week
1, 2, 3, 4, 5, 6, 7, 8	<p>3. Knowledge/diagnostic and treatment skills: The medical student must demonstrate knowledge about established and evolving biomedical, clinical and cognate sciences and the application of this knowledge to patient care. The medical student should learn, understand, and demonstrate knowledge of:</p> <p>a. The system for classification of burns.</p> <p>b. The pathophysiological changes which occur during and after thermal injury, especially the changes in body fluid compartments.</p> <p>c. Indications for escharotomy and fasciotomy.</p> <p>d. Indications for homografting and autografting.</p> <p>e. Synthetic skin substitutes.</p> <p>f. The unique properties of the skin as an interface between the body and the environment and how the barrier properties are disrupted by thermal injury.</p> <p>g. The principles of resuscitation of a major burn, including the use of hypertonic and isotonic</p>	Bridgeport Hospital	Residents & attendings	Observation of case presentation and conference participation.	Verbal, ongoing and mid-rotation.	<p>Daily operating room experience</p> <p>Will make a formal presentation at the Burn conference using PowerPoint slides.</p> <p>Will discuss basic texts and articles from the library and the internet during the</p>

LEARNING OBJECTIVES: EL SURGERY BURN SURGERY ELECTIVE (BRIDGEPORT HOSPITAL)

Overarching Goals of Curriculum	Elective objectives: By the end of the rotation, students will be expected to:	Where/how taught <i>(location or learning activity)</i>	Taught by <i>(attending, fellows, etc.)</i>	How student's achievement of objective is assessed <i>(assessment method)</i>	How feedback is given <i>(feedback method)</i>	Quantity target <i>(target number of patients/ events during rotation)</i>
	<p>fluids.</p> <ul style="list-style-type: none"> h. The pathophysiology and management of inhalational injuries, to include ARDS. i. The pathophysiology, diagnostic criteria and management of carbon monoxide poisoning. j. The unique mechanisms and management of electrical injuries. k. The principles of treating chemical injuries. l. The appropriate use of antibiotics in burns. m. The enormous catabolic stress caused by burn injury, recognize the importance of early nutritional support and learn how to provide both parenteral and enteral nutrition. n. The various topical therapy options and how to choose appropriate treatment. o. The basic principles of surgical management, including debridement, escharotomy, fasciotomy, homografting and autografting. 					<p>presentation.</p> <p>Will participate in trauma, general surgery and vascular surgery Morbidity and mortality conference when the discussion is relevant to their burn rotation.</p>
4	<p>4. Procedural skills: The medical student must be able to provide patient care that is compassionate, appropriate and effective for the treatment of health problems and the promotion of health.</p> <p>Surgical Skills (under supervision)</p> <ul style="list-style-type: none"> a. Performs tangential burn wound excision. b. Harvest skin graft. c. Applies and secures skin grafts to wound. d. Uses skin graft mesher. e. Performs escharotomy. f. Inserts central line. 	Bridgeport Hospital	Residents & attendings	Direct Observation.	Verbal, ongoing and mid-rotation.	Daily operating room experience
4, 5, 6	<p>5. Professionalism and Interpersonal Communication: The medical student must demonstrate a commitment to carrying out professional responsibilities, adherence to ethical principles, and sensitivity to diverse patient populations.</p>	Bridgeport Hospital	Residents & attendings	Direct Observation.	Verbal, ongoing and mid-rotation.	n/a

LEARNING OBJECTIVES: EL SURGERY BURN SURGERY ELECTIVE (BRIDGEPORT HOSPITAL)

Overarching Goals of Curriculum	Elective objectives: By the end of the rotation, students will be expected to:	Where/how taught <i>(location or learning activity)</i>	Taught by <i>(attending, fellows, etc.)</i>	How student's achievement of objective is assessed <i>(assessment method)</i>	How feedback is given <i>(feedback method)</i>	Quantity target <i>(target number of patients/ events during rotation)</i>
	<p>The medical student shall demonstrate ethical behavior at all times. S/he should respect patient confidentiality at all times and in all places. S/he should respect diversity in patients and colleagues. Respect for other health care personnel is expected at all times. The medical student should respond promptly, politely and effectively to requests for help or information concerning patients in their care. The resident should be accountable for his/her own actions.</p> <p>The medical student must demonstrate interpersonal and communication skills that result in effective information exchange and teaming with patients, their families, and other health professionals.</p> <p>The medical student should write notes in patient's charts that are clear, accurate and appropriate. Verbal presentations should be clear and concise and reliable. S/he should talk with patients in articulate and understandable language. S/he should listen to patients and their families, be sensitive to their concerns, and respond appropriately. The resident should understand the principles of informed consent. S/he should maintain collegial and effective interaction with nurses and others directly involved in the patient's care.</p>					
5, 6, 8	6. Career/context: Know the training/career pathway for field in Burn Surgery.	Bridgeport Hospital	Residents & attendings	Individual discussion.	Verbal, ongoing and mid-rotation.	n/a