

UH-SURG-TRAUMA

GOALS AND OBJECTIVES FOR EACH RESIDENT LEVEL

PGY 1 RESIDENT

| PATIENT CARE | | | |
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| GOALS | OBJECTIVES | METHOD OF EVALUATION | TEACHING METHODS |
| <ol style="list-style-type: none"> 1. Develop skills needed to manage hospitalized injured patients. 2. Understand the management of patients with coronary artery disease, diabetes, hypertension, chronic obstructive pulmonary disease, and morbid obesity who are injured. 3. Understand the common methods of evaluating common post injury complications including: chest pain, dyspnea, hypoxia, hypotension, oliguria, fever, abdominal distention. 4. Develop skills at managing wounds including changing packing, wound-vacuum sponges, application of occlusive dressings, debridement of wounds, and evaluation of closed suction drainage. 5. Understand the concepts surrounding drain and catheter care including: central lines, bladder catheters, chest tubes, small bowel feeding tubes, nasogastric tubes, PEG tubes and surgically placed drains. 6. Counsel and educate patients and their families about the injuries and long term prognosis. 7. Learn to make informed decisions about efficient ordering of diagnostic tests including radiographs. | <ol style="list-style-type: none"> 1. Prepare a program for providing nutritional support to a brain injured patient who has a feeding gastrostomy tube. (DOMAIN 1) 2. Order drugs and guidelines for patients suspected to be agitated from ethanol withdrawal. (DOMAIN 1) 3. Describe interventions and therapies that will reduce the risk of myocardial ischemia in an injured patient with coronary artery disease. (DOMAIN 1) 4. Describe the treatment of reactive airway disease (DOMAIN 1) 5. Describe the IV solutions and rates of infusions that should be ordered for an acutely injured patient admitted to the trauma ward. (DOMAIN 1) 6. Describe the symptoms, evaluation, and management of pulmonary embolus. (DOMAIN 1) 7. List the appropriate upper GI bleeding prophylaxis in an injured patient who is considered high risk for gastritis. (DOMAIN 1) 8. List appropriate immunizations that a patient should receive after a splenectomy. (DOMAIN 1) 9. Describe the signs and symptoms, diagnostic tests and management of small bowel obstruction. Describe the key radiographic finding that would assist in differentiating between ileus and small bowel obstruction. (DOMAIN 1) | Patient Management Assessment Global Evaluation CAMEO Skills labs Evaluations ***These are the program methods of evaluation for this domain. Please feel free to make changes. | <ol style="list-style-type: none"> 1. |

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| <ul style="list-style-type: none"> 8. Understand pain management including use of intravenous, enteral and epidural analgesics in injured patients. 9. Understand the indications for blood transfusion and the proper procedure for obtaining informed consent in patients who need blood transfusion.. 10. Understand the perioperative issues of the patient undergoing splenectomy including the administration of vaccinations. 11. Understand the proper technique for removing a chest tube, and changing a tracheostomy. 12. Understand the management of complex wounds. 13. Develop the ability to identify a patient who is decompensating and appropriately activate the chain of command 14. Develop an understanding of the initial management of a severely injured trauma patient to include the A, B, Cs. | <ul style="list-style-type: none"> 10. Identify the common clinical presentation of urosepsis following removal of a foley catheter. (DOMAIN 1) 11. Describe the steps to be taken in decannulating a patient with a tracheostomy. (DOMAIN 3) 12. Prepare a history and physical on an injured patient admitted from the trauma resuscitation bay. (DOMAIN 1) 13. Be prepared on daily trauma faculty rounds on ward patients to discuss the diagnoses and treatment plans for injured patients. (DOMAIN 1) 14. Attend Monday and Friday trauma clinic, unless otherwise involved in critical duties. (DOMAIN 1,3,13) 15. Keep the trauma chief resident informed regarding clinically important changes in patients on the ward. (DOMAIN 1,15) | | |
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MEDICAL KNOWLEDGE

| GOALS | OBJECTIVES | | TEACHING METHODS |
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| <ul style="list-style-type: none"> 1. Understand the overall evaluation and management of an injured patient. 2. Understand the patho-physiology of common problems in injured patients on the ward, including respiratory care of patients with chest injuries including rib and sternal fractures, pulmonary contusions, pneumonia, hemopneumothorax, and pulmonary thrombotic events. 3. Understand the treatments needed to maintain normal serum sodium, | <ul style="list-style-type: none"> 1. Describe the potential complications arising from hyponatremia and hyperchloremic metabolic alkalemia. (DOMAIN 4) 2. Describe the drugs and protocols that can be used to manage diabetic injured patients. (DOMAIN 4) 3. List etiologies for dyspnea and low trans-cutaneous oxygen saturations. 4. Describe the clinical presentation of a patient with hemorrhagic shock. (DOMAIN 4) | <p>Mock Orals Small Group Evals ABSITE Procedure Evaluations ***These are the program methods of evaluation for this domain. Please feel free to make changes.</p> | |

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| <p>potassium and chloride concentrations</p> <ol style="list-style-type: none"> 4. Understand the treatment of patients with brain injury. 5. Understand the initial work up and physiology of patients with fractures and patients who have had surgical repair of fractures. 6. Understand optimal nutritional support of injured patients. 7. Understand the physiologic changes following surgeries. 8. Understand the nutritional assessment and needs of the surgical patient. | <ol style="list-style-type: none"> 5. Draw an illustration of the anatomical relationship of the intercostal nerve, artery and vein.(DOMAIN 5) 6. Describe the complications of using epidural catheters and Patient controlled anesthesia.(DOMAIN 5) 7. List at least four pathological explanations for abdominal distention in an injured patients.(DOMAIN 4) 8. List the differential diagnosis of an injured patient with rib fractures who has chest pain, and hypoxia.(DOMAIN 4) 9. Describe the common signs and symptoms associated with central line sepsis.(DOMAIN 4) 10. List the contra-indications to removing the Foley catheter.(DOMAIN 4,5) 11. Describe the workup and differential diagnosis of a patient with acute change in mental status(DOMAIN 4) | | |
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PRACTICE BASED LEARNING & IMPROVEMENT

| GOALS | OBJECTIVES | TEACHING METHODS |
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| <ol style="list-style-type: none"> 1. Accept responsibility for the care of trauma patients on the ward and in the clinic. 2. Learn to modify interventions, including pain medication management, based upon the individual patient's needs.. 3. Apply knowledge of anatomy to care of injured patient's wounds. 4. Facilitate the learning of medical students on the team by informing of the rationale for care of injured patients. 5. Use the OHSU library and internet to access medical information and review recent advances of the surgical patient. | <ol style="list-style-type: none"> 1. Evaluate an article relating to pertinent patient care issues(DOMAIN 9) 2. Attend trauma conference and learn from the literature based summaries the evidence based factors that influence patient care. (DOMAIN 9) 3. Answer questions related to trauma pathologies on rounds and in trauma conference(DOMAIN 10) 4. Review all trauma breakfast articles and present them as assigned (DOMAIN 9) | <p>Conference Evaluations Student Surveys Skills lab Evaluations Global Evaluation Practice Based Learning Cases for 6 month Advisor Meeting M&M Presentations ***These are the program methods of evaluation for this domain. Please feel free to make changes.</p> |

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| 6. Attend trauma conference and trauma breakfast literature review, and learn the principals applied to care of injured patients currently on the trauma service. | | | |
| PROFESSIONALISM | | | |
| GOALS | OBJECTIVES | TEACHING METHODS | |
| <ol style="list-style-type: none"> 1. Work in an effective manner with the trauma nurse practioners. 2. Learn to communicate effectively and compassionately with patients and their families. 3. Develop skills at communicating with nurses, respiratory therapists, physical therapists, and other members of the trauma care team. 4. Learn to efficiently sign out trauma patients to interns providing coverage. 5. Be sensitive to patients in their social and cultural context as well as with mental health diseases, such as PTSD, anger issues schizophrenia or depression. 6. Understand the importance of accurate and complete documentation of important events and decisions in the medical records. 7. Prepare accurate and timely discharge summaries. 8. Work to communicate with injured patient's primary care physicians who will assume a role in the patient's care following hospital discharge. 9. Learn and practice the ethical principles involved with caring for the surgical population, including consent, confidentiality, and end of life issues. | <ol style="list-style-type: none"> 1. Attend surgery Grand Rounds, Trauma Conference, Trauma and Departmental Mortality and Morbidity conferences.(DOMAIN 13) 2. Be on time to all conferences.(DOMAIN 13) 3. Complete documentation in a timely manner including discharge summaries (within 24 hours or at discharge for transfers to other facilities), procedure dictations (within 24 hours of the procedure)(DOMAIN 13) 4. Comply with the ACGME duty hour guidelines.(DOMAIN 13) 5. Ensure that patients who arrive intoxicated receive an ETOH intervention.(DOMAIN 11) | 360 Evaluations- RN, NP/PA, Peer Program Director Evaluations Program Coordinator Evaluations Duty Hours Monitor Evaluations ***These are the program methods of evaluation for this domain. Please feel free to make changes. | |

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| SYSTEMS BASED PRACTICE | | | |
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| GOALS | OBJECTIVES | | TEACHING METHODS |
| <ol style="list-style-type: none"> 1. Develop systems to help maintain consistent quality of patient care. 2. Understand, utilize and review clinical pathways for patients. 3. Learn to practice cost-effective health care. 4. Assist patients with limited resources in finding practical solutions to their need for care after hospital discharge. 5. Assist patients to interact with the legal system in a fair manner. 6. Partner with surgical facilitators, coordinators and social workers to provide seamless care from admission through follow up in the trauma clinic. | <ol style="list-style-type: none"> 1. Review trauma based practice guidelines available on line.(DOMAIN 7) 2. Function as a member of the team in the resuscitation of trauma patients (DOMAIN 6) 3. Participate in the organized review of trauma cases in M&M(DOMAIN 10,7) | 360 evaluations- Social Worker, NP/PA Global Evaluation 360- Peer and RN ***These are the program methods of evaluation for this domain. Please feel free to make changes. | |
| INTERPERSONAL & COMMUNICATION SKILLS | | | |
| GOALS | OBJECTIVES | | TEACHING METHODS |
| <ol style="list-style-type: none"> 1. Respectfully respond to questions from patients and appropriate family members. 2. Learn and follow the HIPPA guidelines regarding discussions with patient's friends, associates and other persons who, according to confidentiality standards, cannot be informed of details regarding the patient. 3. Learn to listen and assess non-verbal cues from patients and staff. 4. Work effectively with the members of the trauma care team, communicating issues appropriately and succinctly. 5. Write orders that are clear, consistent with standards and | <ol style="list-style-type: none"> 1. Coordinate with nurse practitioners, social work and with discharge planning personnel the timely discharge of patients that assures optimal care of the patient after discharge.(DOMAIN 15) 2. Assure that patients and their families understand the injuries the patient has sustained, the general treatment plan, and the follow up for these individual injuries after hospital discharge.(DOMAIN 14,16) 3. Assist the patient in understanding the medications that they will be discharged with. (DOMAIN 14,16) 4. Communicate with wound care nurse regarding ostomy marking and postoperative complex wound care.(DOMAIN 15) | Standardized Patient 360 Evaluation- Peer, ICU RN, NP/PA CAMEO ***These are the program methods of evaluation for this domain. Please feel free to make changes. | |

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| <p>contain proper notation regarding date and time.</p> <p>6. Develop the ability to concisely and comprehensively transmit medical information to residents, faculty and consultants.</p> <p>7. Develop the ability to accurately depict the patient condition and plan in the chart</p> | | | |
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