

Community Hospital Emergency Medicine Rotation Baylor University Medical Center

The following goals and objectives are intended to inform each EM resident of what you should gain from your educational experience during the Community Hospital Emergency Medicine Rotation at Baylor University Medical Center, both clinical and didactic.

These goals and objectives are also intended to assist you in achieving competencies appropriate for the EM resident. They can be achieved through customary methods including the fulfillment of supervised clinical assignments, attendance and participation in didactic activities, and study.

Patient Care

- Demonstrate appropriate skills in directing the resuscitation of critical trauma patients
- Demonstrate correct performance of trauma skills including chest tube placement
- Demonstrate appropriate skills in directing the resuscitation of critical medical patients, including gynecologic emergencies
- Perform thorough but directed pertinent histories and physical examinations on all ED pts
- Demonstrate appropriate skills in directing the resuscitation of critical pediatric patients
- Demonstrate correct performance of central line placement
- Demonstrate correct performance of airway management including endotracheal intubation
- Demonstrate correct performance of ACLS skills including defibrillation, pharmacologic interventions, and pacing techniques
- Demonstrate appropriate skills in managing multiple undifferentiated patients simultaneously, including prioritization of care
- Demonstrate effective leadership interactions with ED personnel, including nurses, technicians, and support personnel
- Demonstrate effective communication with private physicians
- Discuss the administrative aspects of continuous quality improvement in the private hospital ED setting
- Demonstrate an understanding of the relationship of the ED to the administration of the hospital
- Demonstrate appropriate documentation of patient care
- Discuss appropriate use of aeromedical vs. ground transport of patients
- Discuss potential interventions used in aeromedical transport, as well as any limitations

Medical Knowledge

- Learn to diagnosis and medically manage a variety of disease processes in adults and children
- Learn methodologies for the direction of critical trauma patients, including priorities of resuscitation
- Learn indications for radiological intervention (Plain films, CT, Sonography, Angiography, etc.) for a variety of disease processes
- Learn methodologies for the direction of critical medical patients
- Learn methodologies for the direction of critical pediatric patients
- Develop knowledge of how to effectively manage patients with private physicians
- Learn indications and pharmacologic interventions for airway management in adults and children
- Learn differences in emergency interventions/capabilities of aeromedical vs. ground transport of scene patients and inter-hospital transfer patients
- Learn techniques of documentation in addition to traditional charting method

- Learn administrative aspects of emergency medicine in the private ED setting, including continuous quality improvement, medical administration, physician contracts, practice management, and risk management

Practice - Based Learning and Improvement

- Demonstrate evidence-based decision-making
 - Show appropriate use of educational resources
 - Effectively utilize senior residents, fellows, and faculty that supervise during this rotation for education and optimizing patient care
 - Review and discuss current literature as appropriate to patient care
- Interpersonal and Communication Skills
- Demonstrate effective information exchange with patients and their families
 - Communicate the treatment plan to supervising and consulting physicians
 - Communicate effectively and listen to other members of the health care team
 - Answer questions and provide information in a clear and respectful manner
 - Convey respect for others and display an appropriate degree of confidence

Professionalism

- Apply appropriate ethical practice to patient care
- Maintain patient privacy and confidentiality
- Demonstrate sensitivity and responsiveness to the culture, age, gender and disabilities of patients and their caregivers / family
- Arrive on time and complete assigned duties

Systems - Based Practice

- Understand basic resources available for care of the patient in the Community Hospital Emergency Medicine setting
- Utilize the consultation process appropriately
- Practice cost-effective health care delivery and resource allocation that does not compromise quality of care
- Understand the organization of patient care services in the Community Hospital Emergency Medicine setting
- Advocate high quality health care and assist patients in dealing with complex health care delivery systems
- Work effectively with other members of the health care delivery team to improve health care and health care system performance in the Community Hospital Emergency Medicine setting

MEMORANDUM OF SUPPORT AND UNDERSTANDING

between the Emergency Medicine Residency Program

and the Department of Emergency Medicine, Baylor University Medical Center

The Department of Emergency Medicine at Baylor University Medical Center is pleased to support the UT Southwestern Emergency Medicine Residency Program, and hereby agrees to provide a 4-week block rotation in Community Hospital Emergency Medicine at Baylor University Medical Center for each EM Resident at the EM-3 level, with the following mutually agreed upon, goals, objectives, and methods.

GOALS:

1. Learn to diagnosis and medically manage a variety of disease processes in adults and children
2. Learn methodologies for the direction of critical trauma patients, including priorities of resuscitation
3. Learn indications for radiological intervention (Plain films, CT, Sonography, Angiography, etc.) for a variety of disease processes

4. Learn methodologies for the direction of critical medical patients
5. Learn methodologies for the direction of critical pediatric patients
6. Develop knowledge of how to effectively manage patients with private physicians
7. Learn indications and pharmacologic interventions for airway management in adults and children
8. Learn differences in emergency interventions/capabilities of aeromedical vs. ground transport of scene patients and inter-hospital transfer patients
9. Learn techniques of documentation in addition to traditional charting method
10. Learn administrative aspects of emergency medicine in the private ED setting, including continuous quality improvement, medical administration, physician contracts, practice management, and risk management

OBJECTIVES:

1. Demonstrate appropriate skills in directing the resuscitation of critical trauma patients
2. Demonstrate correct performance of trauma skills including chest tube placement
3. Demonstrate appropriate skills in directing the resuscitation of critical medical patients, including gynecologic emergencies
4. Perform thorough but directed pertinent histories and physical examinations on all ED pts
5. Demonstrate appropriate skills in directing the resuscitation of critical pediatric patients
6. Demonstrate correct performance of central line placement
7. Demonstrate correct performance of airway management including endotracheal intubation
8. Demonstrate correct performance of ACLS skills including defibrillation, pharmacologic interventions, and pacing techniques
9. Demonstrate appropriate skills in managing multiple undifferentiated patients simultaneously, including prioritization of care
10. Demonstrate effective leadership interactions with ED personnel, including nurses, technicians, and support personnel
11. Demonstrate effective communication with private physicians
12. Discuss the administrative aspects of continuous quality improvement in the private hospital ED setting
13. Demonstrate an understanding of the relationship of the ED to the administration of the hospital
14. Demonstrate appropriate documentation of patient care
15. Discuss appropriate use of aeromedical vs. ground transport of patients
16. Discuss potential interventions used in aeromedical transport, as well as any limitations

RESOURCES & FACILITIES

The EM Residents will be located in the Emergency Department at Baylor University Medical Center. The ED is a designated Level 1 Trauma Center by the American College of Surgeons Committee on Trauma. It's unique location in an area involving a high percentage of penetrating trauma, as well as the strong support of the Trauma Services Department provides the EM Resident with an unusual opportunity to manage critical trauma as well as critical medical patients. The Emergency Department has computer internet access for the EM Resident to access medical literature.

The UT Southwestern Medical Library has an extensive collection including 256,264 total volumes. This includes 83,124 book volumes and 6,158 full text electronic journals. The 64,000 square feet of library space includes an Educational Technology Laboratory that contains many options for audiovisual and computer-based teaching and learning. The library employs 52 personnel, including dedicated personnel for research and evidence-based literature searches/education.

DUTIES & RESPONSIBILITIES:

The objectives will be accomplished utilizing the 4-week block rotation in Community Hospital Emergency Medicine, in conjunction with the regular R-3 curriculum. Duties and responsibilities of

residents will include participation commensurate with their level of training in the evaluation and management of adult trauma and medical patients, as well as pediatric patients in the Emergency Department, including day, night, weekday and weekend shifts. Emergency Medicine (and General Surgery Attending Faculty for trauma team patients) will supervise EM resident performance and be responsible for teaching, including the topics of leadership, patient management, and direction of resuscitations. Residents will return for weekly Emergency Medicine Residency conferences.

EM residents will be the only senior residents rotating in the Emergency Department. In the care of trauma patients, the EM resident will function in a role similar to that of a General Surgery resident at the same level of post-graduate training. These residents will have the same supervisory chain.

SUPERVISION & EVALUATION:

EM residents will be supervised by board-certified or board-prepared Emergency Medicine and General Surgery Attending Faculty. The Rotation Director will orient residents, supervise scheduling, and monitor progress during the rotation. Upon completion of the rotation, the Rotation Director will prepare a written composite evaluation that utilizes the core competencies to assess the resident's performance.

Stephen Burgher, MD
Rotation Director

Michael Wainscott, MD
Residency Program Director