Emergency Medicine EM1 Rotation
Parkland Hospital

The following goals and objectives are intended to inform each EM resident of what you should gain from your educational experience during the Emergency Medicine EM1 Rotation at Parkland Hospital, 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 effective history and exam skills
- Demonstrate understanding of disease pathophysiology
- Describe appropriate differential diagnoses
- Demonstrate appropriate clinical judgment in patient care
- Demonstrate evidence-based decision making
- Master basic skills in initial stabilization, essential diagnostic work-up, emergency core procedures, and emergency department management of individual acutely ill and injured patients in the unique ED environment
- Demonstrate ability to multi-task and to prioritize diagnostic, and therapeutic interventions
- Demonstrate appropriate skill level with EM procedures
- Demonstrate appropriate documentation of patient care
- Exhibit effective communication skills and a professional attitude toward patients, colleagues, staff and consultants.
- Be punctual to ED shifts, conferences.
- Show an understanding of practice environment, limitations, impact on patient care

**Medical Knowledge**

- Learn to diagnosis and medically manage a variety of disease processes
- Learn history and examination skills
- Develop knowledge of typical presentations of diseases to the ED setting
- Understand roles of various ED providers and support personnel
- Learn specifics of radiology testing, including indications
- By the end of the year, learn a basic understanding of critical interventions
- By the end of the year, develop an understanding of critical vs. non-critical patients
- Learn basic EMS and aeromedical transport patient care capabilities
- Learn techniques of documentation in addition to traditional charting methods

**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 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 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 Emergency Medicine setting

MEMORANDUM OF SUPPORT AND UNDERSTANDING
between the Emergency Medicine Residency Program
and the Division of Emergency Medicine

The Division of Emergency Medicine at UT Southwestern and the Emergency Services Department at Parkland Hospital are pleased to support the UT Southwestern Emergency Medicine Residency Program, and hereby agrees to provide 4-week block rotations in Emergency Medicine at Parkland Hospital for each EM Resident at the EM-1 level, with the following mutually agreed upon, goals, objectives, and methods.

GOALS:

1. Learn to diagnosis and medically manage a variety of disease processes
2. Learn history and examination skills
3. Develop knowledge of typical presentations of diseases to the ED setting
4. Understand roles of various ED providers and support personnel
5. Learn specifics of radiology testing, including indications
6. By the end of the year, learn a basic understanding of critical interventions
7. By the end of the year, develop an understanding of critical vs. non-critical patients
8. Learn basic EMS and aeromedical transport patient care capabilities
9. Learn techniques of documentation in addition to traditional charting methods
OBJECTIVES:

1. Demonstrate effective history and exam skills
2. Demonstrate understanding of disease pathophysiology
3. Describe appropriate differential diagnoses
4. Demonstrate appropriate clinical judgment in patient care
5. Demonstrate evidence-based decision making
6. Master basic skills in initial stabilization, essential diagnostic work-up, emergency core procedures, and emergency department management of individual acutely ill and injured patients in the unique ED environment
7. Demonstrate ability to multi-task and to prioritize diagnostic, and therapeutic interventions
8. Demonstrate appropriate skill level with EM procedures
9. Demonstrate appropriate documentation of patient care
10. Exhibit effective communication skills and a professional attitude toward patients, colleagues, staff and consultants. Be punctual to ED shifts, conferences.
11. Show an understanding of practice environment, limitations, impact on patient care

RESOURCES & FACILITIES

EM Residents will be located in the Emergency Department at Parkland Hospital, a Level 1 Trauma Center, Burn, and Stroke Center, and the primary teaching hospital for UT Southwestern. The high volume and high acuity of the patients in the Parkland ED allows for a broad base of clinical training experience for EM residents. In addition, the Parkland ED is divided into two large areas and resident shifts are focused on these two areas. Each area has critical and non-critical patients, allowing the residents to learn multi-tasking, patient prioritization, and resuscitation skills every shift. The large volume of trauma patients also permits an excellent trauma training experience. EM Residents provide EMS medical control through Biotel, the EMS medical command center (located in the Parkland ED) for multiple local EMS agencies including the city of Dallas. The ED 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 goals and objectives for this rotation will be accomplished utilizing 4-week block rotations. Duties and responsibilities of residents include patient care, administrative, and teaching responsibilities commensurate with their level of training. A maximum of 12 hours is allowed for any ED shift. Emergency Medicine faculty teach and supervise EM resident performance.

Residents have no clinical responsibilities in the Parkland ED during the Division of Emergency Medicine weekly residency conference series. EM faculty and rotating residents cover the ED during these conferences.

There are 1st year residents rotating from a number of services as well as IM residents rotating at all of their year levels. All residents assigned to the EM rotation report to the EM faculty on duty. There is an EM3 charge resident in each of the two areas of the ED. Because of the high volume and high acuity of the ED patients and the limited number of rotators on duty at any given time,
the overall training experience for EM residents is not diminished by the presence of off-service rotators.

**SUPERVISION & EVALUATION:**

EM residents as well as all off-service residents assigned to the EM rotation are directly taught and supervised by board-certified or board-prepared Emergency Medicine faculty. EM Chief Residents will schedule and orient residents rotating in the Parkland ED, including the EM residents. EM faculty and monitor progress during the rotation. Upon completion of the rotation, the Rotation Director and EM faculty will prepare written evaluations that utilize the core competencies to assess the resident's performance.

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