

MCMASTER UNIVERSITY  
CCFP(EM) RESIDENCY TRAINING PROGRAM

**OBJECTIVES: TERTIARY CARE EMERGENCY MEDICINE ROTATION**

**1. Medical Expert**

- a. Demonstrate diagnostic and therapeutic skills for ethical and effective patient care.
- b. Access and apply relevant information to clinical practice
- c. Demonstrate effective consultation services with respect to patient care, education and legal opinions.
- d. The Emergency Medicine Resident will demonstrate knowledge regarding:
  - i. The pathophysiology of disease and injury
  - ii. The prompt recognition of acute illness and injury
  - iii. The natural history of disease and illness
  - iv. Specific clinical presentations
  - v. The principles of resuscitation
  - vi. The principles of investigations
  - vii. The principles of diagnosis and management decisions
  - viii. The requirements for follow up care
  - ix. The principles of emergency department organization with respect to the corporate hospital structure
  - x. The principles of quality assurance, risk management, and standards of care
  - xi. The relationship of the emergency department with the EMS
- e. The Emergency Medicine Resident will:
  - i. Demonstrate competence and efficiency in physical examination of the patient including special examination techniques for specific diagnoses
  - ii. Develop appropriate differential diagnosis and initiate comprehensive management of:
    1. Acute illness/injury
    2. Traumatized patients
    3. Acute age related disorders
      - a. Paediatrics
      - b. Geriatrics
    4. Toxicological disorders
    5. Environmental disorders
  - iii. Function as team leader for all resuscitation
  - iv. Function in the capacity of the emergency physician with responsibility for management of the Department during a shift
  - v. Perform a clinical assessment and collect all appropriate information

- vi. Perform Consultations
- vii. Create appropriate Records and reports
- viii. Supervising and teaching interns and clinical clerks
- f. Demonstrate the following techniques:
  - i. Airway management; rapid sequence intubations
  - ii. Analgesia; conscious sedation
  - iii. Anaesthesia; local/nerve blocks
  - iv. Arterial access; arterial puncture and arterial line
  - v. Bites: animal/human vi. Bladder catheterization/irrigation
  - vi. Chest decompression
  - vii. CPR
  - viii. Dental trauma
  - ix. Epistaxis management
  - x. Fracture stabilization/reduction/immobilization
  - xi. Gastric lavage
  - xii. Joint aspiration
  - xiii. Joint dislocation/immobilization
  - xiv. Removal of foreign bodies: skin, eye, ear
  - xv. Slit lamp
  - xvi. Tonometry
  - xvii. Venous access; peripheral and central
  - xviii. Wound management; abscess/infection, suturing

## **2. Communicator**

- a. Communicate effectively and compassionately with the patient and family
- b. Establish therapeutic relationships with patients/families.
- c. Obtain and synthesize relevant history from patients/families/communities.
- d. Listen effectively
- e. Discuss appropriate information with patients/families and health care team.
- f. Manage concerns, conflicts, and/or complaints within the multi-disciplinary team and with patients/family

## **3. Collaborator**

- a. Understand the importance of multidisciplinary team and interact effectively with physicians, nurses and other health professionals.
- b. Consult effectively with other physicians and health care professionals
- c. Contribute effectively to other interdisciplinary team activities
- d. Be able to function as the base hospital physician for the EMS

#### **4. Manager**

- a. Allocate finite health care resources wisely.
- b. Manage the entire emergency department during a shift with respect to flow, efficiency and best patient care
- c. Understand the basic principles of quality assurance/risk management issues
- d. Utilize information technology to optimize patient care, life-long learning and other activities
- e. Utilize resources effectively to balance patient care, learning needs, and outside activities.
- f. Work effectively and efficiently in a health care organization.

#### **5. Health Advocate**

- a. Contribute effectively to improved health of patients and communities. For questions or comments, please contact:
- b. Develop an understanding of the bioethical issues affecting patients.
- c. Identify the important determinants of health affecting patients.
- d. Recognize and respond to those issues where advocacy is appropriate.
- e. Demonstrate an understanding of the support services in the community such as CCAC (Homecare), homeless shelters, detox services for patients being discharged from the ED
- f. Understand various approaches to health care advocacy and policy change

#### **6. Scholar**

- a. Apply best practice to patient care decisions, based on critical appraisal of relevant literature.
- b. Contribute to development of new knowledge.
- c. Demonstrate the skills of self-assessment and self-directed learning by identifying their own areas of improvement and addressing them with resources available.
- d. Develop, implement and monitor a personal continuing education strategy.
- e. Facilitate learning of patients, medical trainees/students and other health professionals within the community

## 7. Professional

- a. Deliver highest quality care with integrity, honesty and compassion.
- b. Demonstrate the maturity and responsibility expected of all professionals, through
  - i. Reliability, punctuality, and attendance
  - ii. Self-assessment and insight
- c. Exhibit appropriate personal and interpersonal professional behaviours
- d. Practice medicine ethically consistent with obligations of a physician
- e. Demonstrate understanding of:
  - i. The concepts of informed consent in the care of children, adults, and the elderly
  - ii. Advanced directives, DNR requests, and their application to the care of patients
  - iii. And be to explain what is involved in the withdrawal of care.
  - iv. The concept of futility and apply it to emergent situations

For questions or comments, please contact:

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