



MCMASTER UNIVERSITY:
CCFP(EM) RESIDENCY TRAINING PROGRAM

Objectives: Plastic Surgery 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. Principles of emergency care of trauma to
 1. Hand and wrist
 2. Face
 3. Skin/soft tissue compartments
 - ii. Principles of the mechanism of injury
 - iii. Anatomy and pathophysiology of soft tissue and facial injury
 - iv. Indications and limitations of investigative modalities
 - v. Indications, techniques, and complications of procedures
- e. The resident will demonstrate the following Techniques:
 - i. Amputations
 - ii. Biopsy
 - iii. Burn debridement and escharotomy
 - iv. Crush/compartment syndrome decompression
 - v. Facial wounds
 - vi. Injection injury debridement

- vii. Nail bed repair/fingertip injuries
 - viii. Nerve assessment and exploration
 - ix. Removal of skin lesions
 - x. Skin loss/grafting
 - xi. Suturing techniques
 - xii. Tendon assessment and exploration
 - xiii. Vessel assessment and exploration
 - xiv. Wound anaesthesia/nerve blocks
 - xv. Incision and drainage
 - xvi. Hand splinting
- f. Perform a clinical assessment and collect all appropriate information of trauma to the soft tissues, face, hand and wrist
- g. Assess, initiate management of, and arrange follow up for:
- i. Superficial infections
 - ii. Foreign bodies
 - iii. Penetrating injuries
 - iv. Wound problems including haematoma, dehiscence, infection
 - v. Burns, thermal and chemical
 - 1. Airway
 - 2. Fluids
 - 3. Dressings
- h. Assess the risk of associated injuries in patients with multiple trauma and/or burns

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 the health care team.

3. Collaborator

- a. Set the priorities and direct the initial management of the patient with trauma to the face, hand and wrist, and skin/soft tissue compartments
- b. Understand the importance of a multidisciplinary team and interact effectively with physicians, nurses, and other health professionals
- c. Consult effectively with other physicians and health care professionals.
- d. Contribute effectively to other interdisciplinary team activities.

4. Manager

- a. Select the appropriate imaging and laboratory investigations
- b. Allocate finite health care resources wisely.
- 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. Identify the important determinants of health affecting patients.
- b. Contribute effectively to improved health of patients and communities.
- c. Understand various approaches to health care advocacy and policy change
- d. Recognize and respond to those issues where advocacy is appropriate.

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.

7. Professional

- a. Deliver highest quality care with integrity, honesty and compassion.
- b. Demonstrate the maturity and responsibility expected of all professionals
- c. Exhibit appropriate personal and interpersonal professional behaviours.
- d. Practice medicine ethically consistent with obligations of a physician.

For questions or comments, please contact:

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Revised August 2014: GR/MC