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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