TRAUMA SERVICE-LEVEL SPECIFIC OBJECTIVES

Off service residents
1) Medical expert-Knowledge (a) understands the primary care assessment of fractures of the axial and appendicular skeleton
   (b) knows how to diagnose compound fractures, compartment syndromes, nerve and vascular injuries
   (c) knows the ATLS approach for polytrauma patients
   (d) knows how to describe the pattern of a fracture or dislocation
   (e) knows how to diagnose acute complications of trauma including DVT, pulmonary embolus, fat embolus, hypovolemia, and ileus
   (f) knows appropriate use of blood products
- Skills (a) able to apply casts and splints
   (b) able to reduce distal radius fractures and dislocations of the shoulder and ankle
   (c) able to examine the limb with a fracture
   (d) able to explore and debride open wounds
2) Communicator (a) recognizes the role of communication in fostering patient satisfaction and compliance
   (b) demonstrates the ability to establish patient relationships characterized by trust, respect, empathy, and confidentiality
   (c) elicits psychosocial information pertinent to the health of the patient
   (d) understands the current consent legislation and the Canada Health Act
3) Collaborator (a) identifies and describes the role of all members of the health care team
4) Leader (a) demonstrates ability to access health care resources efficaciously
5) Advocate (a) recognizes and understands all of the psychological, social, and physical determinants of patient health
6) Scholar (a) demonstrates ability for self-directed learning
   (b) demonstrates ability for critical thinking
7) Professional (a) writes organized and legible notes and orders
   (b) maintains organized, clear, and accurate records
   (c) demonstrates responsible patient referrals

PGY3
1) Medical expert-Knowledge (a) knows the mechanisms, patterns, and management strategies, healing and complications of common fractures and dislocations of the axial and appendicular skeleton
   (b) knows the management of compound fractures
- Skills (a) able to apply ATLS protocol in the multiply injured patient
   (b) able to carry out operative internal and external fixation of simple fractures
   (c) able to perform bone grafting, fasciotomy, and wound debridements
2) Communicator (a) obtains informed consent using medical knowledge and awareness of current consent legislation and the Canada Health Act
3) Collaborator (a) develops patient care plan with other health care providers
4) Advocate (a) utilizes psychosocial support network for the patient
5) Professional (a) stays up to date on complete and concise discharge summaries
PGY4
1) Medical expert-Knowledge (a) knows the mechanisms, patterns, and management strategies, healing and complications of complex fractures and dislocations of the axial and appendicular skeleton (b) knows the treatment of complications of trauma including vascular and nerve injuries, compartment syndromes, osteomyelitis, non union and malunion -Skills (a) able to carry out operative internal and external fixation of complex fractures (b) able to perform surgical reconstruction for complications of fractures (c) shows awareness of safety in the workplace and applies this information
2) Communicator (a) dictate well organized clinic letters offering clear direction to the referring physician
3) Collaborator (a) participate as an active member in the health care team to deliver seamless comprehensive care

PGY5
1) Medical expert-Knowledge (a) knows how to assess and resuscitate the multiply injured patient with both musculoskeletal and non Orthopaedic injuries (b) knows the principles of bone and soft tissue management in compound fractures (c) knows how to manage fractures with associated nerve and/or vascular injury (d) knows the basic science including anatomy, surgical approaches, and physiology pertaining to the treatment of fractures and dislocations of the axial and appendicular skeleton (e) able to decide on optimal form of treatment for fractures and dislocations of the axial and appendicular skeleton (f) knows how to treat complications of fractures and how to minimize their occurrence -Skills (a) able to perform emergency resuscitation as per the ATLS protocol (b) able to carry out closed reduction and cast immobilization of appropriate fractures and dislocations (c) able to carry out operative treatment of appropriate fractures and dislocations (d) able to apply skeletal traction to appropriate fractures (e) able to reconstruct fracture malunions and non unions
2) Communicator (a) demonstrates the ability to put patient at ease and inspire confidence in the treatment plan (b) provides efficient, authoritative consultation to the referring source (c) able to make clear the role of surgery in the treatment plan to the other members of the health care team
3) Collaborator (a) understand the role of physiotherapy, medical treatment, and chronic pain management in dealing with the musculoskeletal injured patient
4) Leader (a) understand the structure, financing, and operation of the health care system and function effectively within it (b) make clinical decisions and judgements based on sound evidence for the benefit of the individual and the population served
5) Advocate (a) participate in public awareness of the resources necessary for maintaining the health and well being of the population
6) Scholar (a) demonstrate the ability to carry out lifelong learning
7) Professional (a) functions within their limitations
   (b) continuously evaluates their knowledge, skills, and abilities
   (c) knows and practices the legal and ethical codes to which physicians are bound