PAEDIATRIC SERVICE-LEVEL SPECIFIC OBJECTIVES

Off service residents
1) Medical expert-Knowledge (a) knows the normal musculoskeletal anatomy, growth, and development in the child including common angular and torsional variants (b) knows the anatomy and pathologic basis of the disorders leading a limp in a child 
   -Skills (a) able to assess and manage simple fractures 
     (b) able to assess the limping child and come to a diagnosis 
     (c) able to assess congenital and developmental musculoskeletal disorders and decide if a referral is appropriate 
     (d) able to interpret imaging and other diagnostic tools in the pediatric population 
     (e) able to apply and remove simple casts 
     (f) able to examine the hips of infants and children including Barlow and Ortolani maneuvers 
     (g) able to aspirate superficial joints 
     (h) able to reduce simple fractures
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 mechanisms, patterns, assessment, management, and potential complications related to common pediatric fractures and dislocations 
   (b) knows the anatomy, pathology, and microbiology associated with the causes of bone pain in the child 
   -Skills (a) able to assess the child with bone pain and come to a diagnosis 
     (b) able to perform radiologic measurements including the Cobb angle acetabular parameters 
     (c) able to perform percutaneous pinning of fractures 
     (d) able to apply skin and skeletal traction 
     (e) able to aspirate the hip and perform an arthrogram
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 mechanisms, patterns, assessment, management, and potential complications related to complex paediatric fractures and dislocations
   (b) knows the anatomy, pathology, assessment, and management of complex hip disorders
   -Skills (a) able to assess and manage patients with complex neuromuscular disease
     (b) able to manage and assess infants with congenital musculoskeletal deformities
     (c) able to assess and manage children with spinal deformities
     (d) able to surgically manage elbow fractures and dislocations
     (e) able to carry out operative and non-operative treatment of children’s clubfoot
     (f) able to carry out surgical reconstruction of hip dysplasia in normal and neuromuscular patients
     (g) able to carry out a spinal fusion including harvesting of autogenous bone graft
     (h) 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) know the anatomy, surgical approaches, physeal structure and function, biomechanics of bone and other supporting structures, and normal growth and development in the paediatric population
   -Skills (a) able to recognize and manage paediatric fractures, physeal injuries, non-accidental trauma, compound fractures, and multiple trauma
     (b) able to manage complications of injury such as growth arrest, deformity, compartment syndrome, and neurovascular compromise

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 and medical treatment in the care of paediatric patients with musculoskeletal disease

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