

**Pediatric Orthopaedics**  
**Rotation Specific Evaluation (PGY4 & 5)**  
**Orthopaedic Surgery Residency Training Program**  
**College of Medicine, University of Saskatchewan**

CanMEDS Roles / Competencies	Expectations					
Name: _____ PGY_____	Much Below Average	Somewhat Below Average	Average	Somewhat Above Average	Much Above Average	N/A
Rotation Dates: _____						
Attending Staff: _____	Rarely Meets Expectations	Inconsistently Meets Expectations	Generally Meets Expectations	Sometimes Exceeds Expectations	Consistently Exceeds Expectations	
<b>A. MEDICAL EXPERT:</b> At the conclusion of residency, the resident should meet all of the following objectives in spite of variations in rotation durations and resident exposure						
<b>1. Cognitive and Diagnostic</b>						
1 Understand normal musculoskeletal anatomy, growth and development in the child including common angular and torsional variants						
2 Understand the anatomy and pathologic basis of the disorders leading to a limp in a child						
3 Understand the mechanisms, patterns, assessment, management, and potential complications related to common pediatric fractures and dislocations						
4 Recognition and management of common overuse syndromes						
5 Recognition of non-accidental trauma and pathologic fractures						
6 Demonstrate knowledge of specific surgical approaches as it relates to the pediatric population						
7 Understand the mechanisms, patterns, assessment, management, and potential complications related to osteomyelitis and septic arthritis						
8 Understand the principles of management of children with:						
• Common hip disorders						
• Common foot disorders						
• Angular and torsional deformities						
• Limb length discrepancy						
9 Understand the principles of diagnosis and assessment of pediatric neoplasia						
10 Interpretation of imaging and other diagnostic tools specific to the pediatric population						
11 Understand the principles of management of children with:						
• Complex neuromuscular disease						
• Congenital musculoskeletal deformities						
• Spinal deformities						
• Metabolic bone disease/skeletal dysplasia						
• Pediatric neoplasia						
12 Understand mechanisms, patterns, assessment, management, and potential complications related to complex pediatric fractures and dislocations						
13 Understand the anatomy, pathology, assessment, and management of complex hip disorders						
14 Understand the principles of management of pediatric polytrauma						
15 Understand the principles of operative management of:						
• hip dysplasia in normal and neuromuscular patients						
• clubfeet						
• spinal deformity						

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<b>A. MEDICAL EXPERT:</b> At the conclusion of residency, the resident should meet all of the following objectives in spite of variations in rotation durations and resident exposure						
<b>2. Technical</b>						
1	Assessment and management of simple fractures including appropriate analgesia/anesthesia techniques					
2	Demonstrate proficiency in clinical examination in the following areas:					
	• assess the limping child					
	• the hips of infants and children including Barlow and Ortolani maneuvers					
	• general limb length					
	• scoliosis examination					
3	Demonstrate the ability to:					
	• perform percutaneous pinning of fractures					
	• apply skin and skeletal traction					
	• apply a Pavlik harness					
4	Assessment and management of complex pediatric fractures including:					
	• physeal injuries					
	• compound fractures					
	• multiple trauma					
	• compartment syndrome, and neurovascular compromise					
5	Carry out non-operative treatment of children's clubfoot					
6	Operative management of:					
	• septic arthritis including arthrogram and arthrotomy					
	• osteomyelitis					
	• slipped capital femoral epiphysis					
7	Management of benign bone conditions					
8	Perform appropriate investigation including biopsy for suspected pediatric neoplasia					
9	Demonstrate the ability to apply a hip spica cast					
<b>B. COMMUNICATOR</b>						
1	Understands the role of communication in fostering patient satisfaction and compliance as it relates to pediatrics, parents and caregivers					
2	Elicits psychosocial information pertinent to the health of the patient including: socioeconomic background, ethnic, cultural, and spiritual values					
3	Demonstrates the ability to deliver information to the pediatric patient and their support group in a way which is understandable					
4	Understands and obtains informed consent using medical knowledge and awareness of current consent legislation and the Canada Health Act					
5	Demonstrates the ability to describe procedures to the pediatric patient and patient support group					
6	Demonstrates the ability to obtain an appropriate informed consent for patients undergoing interventions					
<b>C. COLLABORATOR</b>						
1	Demonstrate an understanding of the unique collaborative nature of pediatric care					
2	Understand and develops patient care plan with other members of the interprofessional healthcare team					

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3 Demonstrates the ability to work within an interprofessional team in regards to research and administrative duties						
4 Demonstrate the ability to lead an interprofessional team						
5 Develop a care plan, integrate all members of the team needed and follow the plan to completion in regards to medical or non-medical issues around the care of the pediatric orthopaedic patient						
<b>D. MANAGER</b>						
1 Access and allocate finite health care efficiently within a healthcare organization						
2 Understand the structure, financing, and operation of the healthcare system and function effectively within it						
3 Lead the physician team and allocate manpower resources in regards to patient care						
4 Understand the role of the physician in regards to administrative duties in healthcare						
5 Demonstrate the ability to manage time allocation to inter and intra personal learning and duties						
<b>E. HEALTH ADVOCATE</b>						
1 Recognizes and understands the psychological, social, and physical determinants of patient health						
2 Understand patient advocacy issues in regards to family, caregiver and social care network						
3 Understands the medico-legal obligations associated with non-accidental trauma						
4 Recognize the emotional stress for patients and families faced with orthopaedic conditions and optimize psychosocial support network for the pediatric patient						
5 Promotion of the determinants of health in the community at large as it relates to the pediatric population						
6 Demonstrate the knowledge of resources available to those patients in need of community-based care						
7 Understand the role of community based advocacy in regards to patients with special needs						
8 Demonstrate the need to serve as a patient advocate for scarce resources for the patient with special needs						
<b>F. SCHOLAR</b>						
1 Demonstrates ability for self-directed learning and critical appraisal of the literature						
2 Demonstrate stratified level of knowledge of pediatric orthopaedics with teaching of the junior members of the pediatric healthcare team						
3 Recognize gaps in knowledge and implement a plan to improve their knowledge base						
4 Demonstrates the ability to resolve previously identified deficits in knowledge and technical skills						
5 Identify possible areas of research in pediatric orthopaedics						
6 Continue to develop teaching models for patient and colleague education						

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<b>G. PROFESSIONAL</b>						
1 Demonstrates the ability to work within the scope of clinical and technical acumen and obtains responsible and timely patient referrals						
2 Practice ethically consistent with the obligations of a physician and expectation of the community in regards to gender, culture, ethnicity, race, spiritual values and socioeconomic standard						
3 Demonstrates the ability to put patient and parents at ease and inspire confidence in the treatment plan						
4 Provides efficient, authoritative consultation to the referring source						
5 Serve as a role model to the junior members of the healthcare team in regards to a balance between professional and personal roles						
6 Understand the legislation in regards to treatment of the pediatric patient or patients otherwise unable to understand the scope of treatment needed for care						
7 Demonstrates ability to identify and remediate weakness in their managerial, administrative or education skills in regards to care of the pediatric patient						

**DESCRIPTIVE RESPONSES**

*For any items scored 0 or 1, specific comments are critical.*

**1 Strengths:**

**2 Areas for improvement: (If remedial work is recommended - please provide specific suggestions)**

**3 Comments:**

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Evaluator Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Resident Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Program Director: \_\_\_\_\_

Date: \_\_\_\_\_