

**Pediatric Orthopaedics**  
**Rotation Specific Evaluation (PGY 1,2,3)**  
**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  |                           |                                   |                              |                                |                                   |     |
| <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   |                           |                                   |                              |                                |                                   |     |

| CanMEDS Roles / Competencies  | Expectations              |                                   |                              |                                |                                   |     |
|---|---------------------------|-----------------------------------|------------------------------|--------------------------------|-----------------------------------|-----|
|   | Much Below Average        | Somewhat Below Average            | Average                      | Somewhat Above Average         | Much Above Average                | N/A |
|   | Rarely Meets Expectations | Inconsistently Meets Expectations | Generally Meets Expectations | Sometimes Exceeds Expectations | Consistently Exceeds Expectations |     |
| 3 Demonstrate the ability to: <ul style="list-style-type: none"> <li>perform percutaneous pinning of fractures</li> <li>apply skin and skeletal traction</li> <li>apply a Pavlik harness</li> </ul> |                           |                                   |                              |                                |                                   |     |
| <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   |                           |                                   |                              |                                |                                   |     |
| 3 Demonstrates the ability to work within an interprofessional team in regards to research and administrative duties  |                           |                                   |                              |                                |                                   |     |
| <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  |                           |                                   |                              |                                |                                   |     |
| <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                                    |                           |                                   |                              |                                |                                   |     |
| <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   |  |  |  |  |  |  |

|                        |  |  |  |  |  |  |  |
|------------------------|--|--|--|--|--|--|--|
| <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   |  |  |  |  |  |  |

**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: \_\_\_\_\_