

**Musculoskeletal Oncology
Rotation Specific Evaluation (PGY1-5)
Orthopaedic Surgery Residency Training Program
College of Medicine, University of Saskatchewan**

CanMEDS Roles / Competencies	Expectations					
Name: _____ PGY _____ Rotation Dates: _____ Attending Staff: _____	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	
A. MEDICAL EXPERT: At the conclusion of residency, the resident should meet all of the following objectives in spite of variations in rotation durations and resident exposure						
1. Cognitive and Diagnostic						
1 Obtain appropriate history and perform physical examination relating to a tumour and be competent in assessing the following:						
• Size of the tumour and its relationship to fascia						
• Neurovascular and articular involvement						
• Lymphatic involvement						
• Sites of metastatic potential for primary MSK tumours						
• Organs systems likely to metastasize to the MSK system						
• Tumour characteristics including issues specific to age and gender						
2 Describe the different tumour classes and their behaviour:						
• Primary lesions						
• Benign						
• Benign Aggressive						
• Malignant						
• Metastatic lesions						
3 Describe the presentation, radiologic characteristics and natural history of the most common primary bone tumour types:						
• Chondroid lesions						
• Osteoid lesions						
• Fibrous lesions						
• Others- unicameral bone cyst, hemangioma, histiocytosis, lipoma, eosinophilic granuloma, giant cell tumour, aneurysmal bone cyst, Ewing's sarcoma, adamantinoma, chordoma, hemangiopericytoma						

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4 Describe the presentation, radiologic characteristics and natural history of different primary soft tissue tumour types:						
• Fibrous lesions						
• Lipoid lesions						
• Muscle lesions						
• Vascular lesions						
• Nerve lesions						
• Others - myxoma, fibrosarcoma, malignant fibrous histiocytoma, pigmented villonodular synovitis, giant cell tumour of tendon sheath, myositis ossificans, tumoral calcinosis						
5 For a given MSK tumour:						
• Formulate a differential diagnosis and stage the tumour (according to the Enneking Musculoskeletal Tumour Society (MSTS) System)						
• Describe the appropriate biopsy principles of MSK						
• Formulate a treatment plan for the different tumour						
• Describe the multidisciplinary approach to:						
• curative treatment						
• palliative treatment						
6 Formulate treatment plans for complications in MSK oncology surgery						
A. MEDICAL EXPERT: At the conclusion of residency, the resident should meet all of the following objectives in spite of variations in rotation durations and resident exposure						
2. Technical						
1 To be able to perform with proficiency:						
• Open biopsy of bone and/or soft-tissue lesion						
• Stabilization of metastatic disease						
• Treatment of common benign tumours						
B. COMMUNICATOR						
1 Deliver information to patients and family in a humane manner so that the patient and family understand the options of care and are able to participate in the decision-making process						
2 Demonstrate an ability to listen effectively and address patients concerns						
3 Develop strategies for delivering bad news and discussing end of life decisions						
4 The ability to obtain an appropriate informed consent for patients undergoing interventions.						

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C. COLLABORATOR						
1 Describe the roles and responsibilities of the members of a multidisciplinary oncology team						
2 Develop a working relationship with the appropriate pathologist and radiologist						
3 Participate in Morbidity and Mortality rounds						
4 Describe support groups in the community who can assist the oncology patient and their families						
5 Effectively communicate with others involved in the multidisciplinary care of the oncology patient						
6 Provide timely and appropriate consultation as requested						
D. MANAGER						
1 Prioritize the investigation and management of the oncology patients						
2 Understand the balance of allocation of healthcare resources, balancing effectiveness, efficiency and access with optimal patient care						
3 Describe appropriate waiting times for the oncology patient						
E. HEALTH ADVOCATE						
1 Understand the risk factors associated with the development of a malignancy						
2 Describe strategies to decrease the societal risk of malignancy						
3 Communicate to patients their individual risk factors						
F. SCHOLAR						
1 Pose a research question and describe how they would go about answering the question						
2 Prepare and present an appropriate lecture/presentation including critical appraisal of the literature; describe how this information could be integrated into practice						
G. PROFESSIONAL						
1 Demonstrate ethical practice in the management of the oncology patient including respect for issues regarding gender, ethnicity, religion, age and cultural.						
2 Demonstrate honesty, integrity, commitment, compassion, respect and altruism						

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:**

Evaluator Signature: _____

Date: _____

Resident Signature: _____

Date: _____

Program Director: _____

Date: _____