

Hematology Consults

GOALS AND OBJECTIVES

Rotation Goals

The Hematology Consults rotation provides senior residents with advanced experience in the assessment and management of complex hematologic conditions in both inpatient and outpatient settings. Residents will gain expertise in the evaluation of hematologic malignancies, cytopenias, thromboembolic disease, bleeding disorders, and transfusion medicine. Emphasis is placed on developing the consultative and leadership skills required to guide multidisciplinary teams, manage patients with life-threatening complications, and coordinate complex diagnostic and therapeutic plans. By the end of the rotation, residents will be able to provide comprehensive, evidence-informed hematology consultation, demonstrate sound clinical judgment in the management of urgent and emergency hematologic problems, and function at the level of an internal medicine consultant preparing for independent practice.

Entrustable Professional Activities

CORE OF DISCIPLINE

- C1 Assessing, diagnosing and managing patients with complex or atypical acute medical presentations
- C2 Assessing, diagnosing, and managing patients with complex chronic diseases
- C3 Providing medical consultation to other clinical services
- C5 Performing the procedures of Internal Medicine
- C7 Discussing serious and/or complex aspects of care with patients, families, and caregivers
- C9 Caring for patients at the end of life
- C10 Implementing health promotion strategies in patients with or at risk for disease

TRANSITION TO PRACTICE

- P1 Managing an inpatient medical service
- P3 Assessing and managing patients in whom there is uncertainty in diagnosis and/or treatment
- P6 Working with other physicians and healthcare professionals to develop collaborative patient care plans
- P7 Identifying learning needs in clinical practice, and addressing them with a personal learning plan
- P8 Identifying and analyzing system-level safety, quality or resource stewardship concerns in healthcare delivery

Clinical Presentations and Diagnoses

In alignment with the *Royal College Internal Medicine Competencies*, residents are expected to encounter and manage the following Medical Expert topics on this rotation:

Residents will be expected to cover the following patient presentations during this rotation with the goal of competently assessing and managing the following:

- Abnormal bleeding
- Thrombosis
- Cytopenias
- Cytoses
- Lymphadenopathy
- Splenomegaly
- Acute complications of sickle cell disease, including pain crises, acute chest syndrome

Residents will be expected to cover the following diagnoses during this rotation with the goal of competently assessing and managing the following:

- Common hematologic malignancies including leukemia/lymphoma/myeloma
- Coagulation disorder
- Thrombosis, including DVT/PE
- Tumour lysis syndrome
- Neutropenic fevers

Objectives (by Stage of Training)

The specific objectives for this rotation align with the CanMEDS Competencies and Milestones as outlined in the *Royal College 2023 Entrustable Professional Activities for Internal Medicine document (Version 3.0, 2023)* and the *Royal College Internal Medicine Competencies (Version 1.0, 2018)*. Objectives are structured to ensure progressive acquisition of competence across stages.

Transition to Discipline

N/A – residents in TTD do not participate in this rotation.

Foundations of Discipline

N/A – residents in FOD do not participate in this rotation.

Core of Discipline

Medical Expert

1. Perform appropriately timed clinical assessments with recommendations that are presented in an organized manner (ME1.4)
2. Recognize and respond to the complexity, uncertainty, and ambiguity inherent in medical practice (ME1.6)
3. Prioritize issues to be addressed in a patient encounter (ME2.1)
4. Carry out professional duties in the face of multiple, competing demands (ME1.5)
5. Establish goals of care in collaboration with patients and their families, which may include slowing disease progression, treating symptoms, achieving cure, improving function, and palliation (ME2.3)
6. Plan and perform procedures and therapies for the purpose of assessment and/or management (ME3)
7. Implement a patient-centred care plan that supports ongoing care, follow-up on investigations, response to treatment, and further consultation (ME4.1)

Communicator

1. Elicit and synthesize accurate and relevant information, incorporating the perspectives of patients and their families (CM2)
2. Provide a clear structure for and manage the flow of an entire patient encounter (CM2.2)
3. Recognize when the values, biases, or perspectives of patients, physicians, or other health care professionals may have an impact on the quality of care, and modify the approach to the patient accordingly (CM1.3)
4. Manage disagreements and emotionally charged conversations (CM1.5)
5. Share information and explanations that are clear, accurate, and timely, while checking for patient and family understanding (CM3.1)
6. Use communication skills and strategies that help patients and their families make informed decisions regarding their health (CM4.3)
7. Document clinical encounters in an accurate, complete, timely, and accessible manner, in compliance with regulatory and legal requirements (CM5.1)

Collaborator

1. Negotiate overlapping and shared responsibilities with physicians and other colleagues in the health care professions in episodic and ongoing care (CL1.2)
2. Work with physicians and other colleagues in the health care professions to promote understanding, manage differences, and resolve conflicts (CL2)

Leader

1. Engage in the stewardship of health care resources (LD2)

Health Advocate

1. Work with patients to address determinants of health that affect them and their access to needed health services or resources (HA1.1)

2. Work with patients and their families to increase opportunities to adopt healthy behaviors (HA1.2)
3. Incorporate disease prevention, health promotion, and health surveillance into interactions with individual patients (HA1.3)

Scholar

1. Integrate evidence into decision-making in their practice (SC3.4)

Professional

1. Exhibit appropriate professional behaviors and relationships in all aspects of practice, demonstrating honesty, integrity, humility, commitment, compassion, respect, altruism, respect for diversity, and maintenance of confidentiality (PR1.1)

Transition to Practice

Medical Expert

1. Perform a patient-centered clinical assessment and establish a management plan (ME2)
2. Prioritize issues to be addressed in a patient encounter (ME2.1)
3. Plan and perform procedures and therapies for the purpose of assessment and/or management (ME3)
4. Implement a patient-centered care plan that supports ongoing care, follow-up on investigations, response to treatment, and further consultation (ME4.1)
5. Recognize and respond to harm from health care delivery, including patient safety incidents (ME5.1)

Communicator

1. Share information and explanations that are clear, accurate, and timely, while checking for patient and family understanding (CM3.1)
2. Facilitate discussions with patients and their families in a way that is respectful, non-judgmental, and culturally safe (CM4.1)

Collaborator

1. Establish and maintain positive relationships with physicians and other colleagues in the health care professions to support relationship-centered collaborative care (CL1.1)
2. Engage in respectful shared decision-making with physicians and other colleagues in the health care professions (CL1.3)
3. Implement strategies to promote understanding, manage differences, and resolve conflicts in a manner that supports a collaborative culture (CL2.2)

Leader

1. Analyze patient safety incidents to enhance systems of care (LD1.3)

Health Advocate

1. Work with patients to address determinants of health that affect them and their access to needed health services or resources (HA1.1)

Professional

1. Exhibit appropriate professional behaviors and relationships in all aspects of practice, demonstrating honesty, integrity, humility, commitment, compassion, respect, altruism, respect for diversity, and maintenance of confidentiality (PR1.1)
2. Fulfill and adhere to the professional and ethical codes, standards of practice, and laws governing practice (PR3.1)
3. Demonstrate a commitment to physician health and well-being to foster optimal patient care (PR4)
4. Promote a culture that recognizes, supports, and responds effectively to colleagues in need (PR4.3)