Welcome to your Hematology Rotation at the Windsor Campus of Schulich School of Medicine. We plan an educational and pleasant experience that will enhance your current understanding of the hematological aspects of patient care, and prepare you for examinations and also for your future practice of medicine.

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Hematology Staff

<table>
<thead>
<tr>
<th>Staff name</th>
<th>Pager</th>
<th>Location</th>
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<tbody>
<tr>
<td>Rasna Gupta</td>
<td></td>
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<tr>
<td>Caroline Hamm</td>
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<tr>
<td>Mohammed Jarrar</td>
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<tr>
<td>Sindu Kanjeekal</td>
<td></td>
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<tr>
<td>Indryas Woldie</td>
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Hematopathology

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<thead>
<tr>
<th>Staff name</th>
<th>Pager</th>
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<tbody>
<tr>
<td>Mohammed Alomari</td>
<td></td>
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<tr>
<td>Pat Alevato</td>
<td></td>
<td></td>
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<tr>
<td>Mohammad El-Fakarany</td>
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Secretarial Staff

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<tr>
<th>Staff name</th>
<th>Pager</th>
<th>Location</th>
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<tbody>
<tr>
<td>Karen Reaume</td>
<td></td>
<td></td>
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<tr>
<td>Natalie Szwed</td>
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</tbody>
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2. Typical Schedule

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<tr>
<th></th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
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<tbody>
<tr>
<td>AM</td>
<td>8:30 – 12:00: Acute leukemia and post transplant follow-up</td>
<td>8:30 – 12:00: General Heme follow-up clinic:</td>
<td>8:30 – 12:00: Hematopathology:</td>
<td>08:30 – 12:00: Hamm: General heme</td>
<td>8:30 – 12:00: malignant and benign hematopathology :</td>
</tr>
<tr>
<td></td>
<td>Hamm</td>
<td>Gupta</td>
<td>Alomari/ Alevato</td>
<td>consults</td>
<td>Woldie</td>
</tr>
<tr>
<td>PM</td>
<td>13:00 – 16:00: Kanjeekal; General Heme Consults 4:30 – 5:30 every</td>
<td>13:00 – 16:00: Adolescents and Young Adults Clinic:</td>
<td>13:00 – 16:00: General Heme consults: Woldie</td>
<td>13:00 – 16:00: Kanjeekal: General heme consults</td>
<td>8:30 – 12:00: malignant and benign hematopathology :</td>
</tr>
<tr>
<td></td>
<td>2cd week: Hematopathology rounds: Casino Cares</td>
<td>Jarrar</td>
<td></td>
<td></td>
<td>Woldie</td>
</tr>
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Inpatient Experience

The Trainee will spend the morning of their first week rounding with the hematology service. We will ask that the trainee carries a pager and would take first call one day per week.

In patient consultations will be seen by the trainee and then reviewed by the on call consultant.

Rounds

Multi-disciplinary rounds take place every second Monday from 4:30 to 5:30. Hematopathology, hematology, radiation oncology and radiology attend these rounds. They are very interesting rounds that focus on patient management of the hematology patient.

Objectives

These are general objectives. The depth of learning will be appropriate to the level of training of the trainee.

Medical Expert

1. Develop evidence based approaches to the investigation and management of:
   a. Anemia
   b. Polycythemia
   c. Thrombocytopenia
2. Develop an evidence based management strategy for the following:
   a. Iron deficiency anemia
   b. Megaloblastic anemia
   c. Anemia of chronic disease
   d. Autoimmune hemolytic anemia
   e. Immune thrombocytopenia
   f. Chronic and acute leukemias
   g. The myeloproliferative neoplasms
   h. The myelodysplastic syndromes
   i. Aplastic anemia
   j. Lymphomas
   k. Multiple Myeloma
   l. Cancer associated thromboembolic disease

3. Demonstrate proficiency in the following procedures:
   a. Clinical exam of lymphadenopathy and splenomegaly
   b. Bone marrow biopsy and aspirate

**Communicator**

1. Obtain a thorough and relevant history from patients with a hematological disease
2. Present and discuss hematological cases at hematopathology rounds

**Collaborator**

1. Participate in multidisciplinary clinics and rounds
2. Recognize and demonstrate respect for all members of the health care team which includes:
   a. Nursing staff
   b. Clerks
   c. Volunteers
   d. Pharmacy staff members
   e. Secretarial and support staff
   f. Palliative care colleagues

**Manager**

1. Demonstrate knowledge of elements of “Choosing Wisely” to minimize unnecessary investigations.
Health Advocate

1. Understand the modifiable and non-modifiable factors that lead to hematological diseases
2. Understand preventative strategies to avoid the development of hematological diseases.
3. Demonstrate counselling patients of preventative strategies.

Scholar

1. Understand the pathophysiology of hematological malignancies, autoimmune cytopenias, cancer associated thromboembolic disease
2. Know the pharmacology of chemotherapy, targeted agents, immunotherapy,
3. Demonstrate an understanding of the indications and complications of blood product transfusions.

Professional

1. Demonstrate compassion toward the hematology patient.
2. Demonstrate respect toward the other members of the health care team.
3. Demonstrate an interest in the broader workings of the health care service.
4. Dress appropriately for the situation.

References

1. Recommended workup for a Hematology patient (attached)
2. How I treat .... Journal : Blood
3. Consensus Poll for treatment of APL in Ontario (attached)
4. Treatment algorithm for CLL 2016 (attached)
7. WHO Classification of Tumours of Haematopoietic and Lymphoid Tissue (IARC WHO Classification of Tumours) 4th Edition

EVALUATION: Summative Clinical Elective Assessment compiled by your Primary Preceptor

Registration for Oncology (Hematology) rotations - note: Registration is NOT through the 4th Year Electives Lottery. Requests are only processed via the Windsor Non-Lottery 4th Year Elective Request form located on the Medicine 5401 – Year 4 Clinical Sciences Electives web page

REGISTRATION: https://www.schulich.uwo.ca/medicine/undergraduate/academic_resources/year_4/windsor_nonlottery_4th_year_elective.html