## Curricular Week 69 - Hematology System Week 1
### November 26 to 30, 2012
### Red Blood Cells

<table>
<thead>
<tr>
<th>Monday 11/26</th>
<th>Tuesday 11/27</th>
<th>Wednesday 11/28</th>
<th>Thursday 11/29</th>
<th>Friday 11/30</th>
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</thead>
<tbody>
<tr>
<td>8:00</td>
<td>CBC Lab* ½ class Innes, Clark</td>
<td>Hemolytic Anemia I &amp; II Clark ½ class</td>
<td>Hemoglobinopathies and Thalassemia Druzgal</td>
<td>Self-Study 8:10-9:00 Self-directed learning</td>
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<td>8:10-10:00 Lab Jordan</td>
<td>Pre-recorded Lecture Complete by 11/29/12</td>
<td>Pre-recorded Lecture Complete by 11/29/12</td>
<td>Self-Study 8:10-9:00 Self-directed learning</td>
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<tr>
<td>9:00</td>
<td>Hemolytic Anemia I &amp; II Clark ½ class</td>
<td>Nutritional Anemias/ Hemochromatosis* Innes, Clark</td>
<td>Self-Study 8:10-9:00 Self-directed learning</td>
<td>Patient Presentation Anemia Druzgal</td>
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<td>Pre-recorded Lecture Complete by 11/29/12</td>
<td>9:10-12:00 Large Group Discussion Learning Studio</td>
<td>9:10-12:00 Large Group Discussion Learning Studio</td>
<td>9:10-10:00 Auditorium</td>
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<tr>
<td>10:00</td>
<td>CBC Lab* ½ class Innes, Clark</td>
<td>Hemolytic anemia/Hgb-opathies &amp; Thalassemia* Clark, Douvas, Druzgal, Innes, residents</td>
<td>Hemolytic anemia/Hgb-opathies &amp; Thalassemia* Clark, Douvas, Druzgal, Innes, residents</td>
<td>Marrow Failure Cases Douvas</td>
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<tr>
<td>11:00</td>
<td>11:10-12:00</td>
<td>Nutritional Anemias/ Hemochromatosis* Innes, Clark</td>
<td>11:00-12:00</td>
<td>11:00-12:00</td>
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<td>Self-directed learning</td>
<td>Self-directed learning</td>
<td>Large Group Discussion</td>
<td>Learning Studio</td>
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### PRE-CLASS PREPARATION

**Read Hematology in Clinical Practice. 5th Ed**  
* Chapter 1: pp. 1-9  
* Chapter 2: pp. 10-25  
* Chapter 4: pp. 43-45  
* Chapter 10: pp.124-128  
* Chapter 13: pp. 163-165, 168-171  

- Read the handout “General Review of Hematopoiesis” (15 pp.) and “Porphyrin Synthesis and Degradation” (11 pp.).  
- Complete the Folate Metabolism SDL (10 pp handout).

- Watch the Hematology Laboratory Instructional Video on Measuring the Hematocrit (4 min)  
- Review the lab manual (p.1-10) and **bring a copy to class**.

- Read **Hematology in Clinical Practice. 5th Edition**  
- Chapter 2 of Hematology in Clinical Practice.

- Read **Hematology in Clinical Practice. 5th Ed**  
* Chapter 4: pp. 42-52  
* Chapter 5: pp.53-64  
* Chapter 8: pp. 94-108  
* Chapter 15: pp. 182-189

- Read the handouts “Iron and the Erythron” (9 pp.), “Megaloblastic Anemia” (6 pp.) and “Iron Overload” (2 pp.).

- Refer to the 5th edition of this textbook for details.

### ATTENDANCE REQUIREMENT

- Attendance required to the laboratory session
- Attendance required to the patient presentation

### ACTIVITIES WITH FORMATIVE GRADE

- **In-class submission of a lab report** will account for 3% of your grade
- **In-class quiz on the assigned reading + submission of answers to an in-class exercise** will account for 4% of your grade (2% each)
- **Submission of answers to an in-class exercise** will account for 4% of your grade

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**NOTE:** The information in this document is provided for your convenience and to help you plan your work for the coming week. We make every effort to have it accurately reflect the plans for the week but please be aware it may be subject to change. Refer to Oasis for daily event details and locations and to the [Student Source](#) for pre-class preparation and details on formative activities.