An Innovative Malignant Hematology Curriculum for Hematology/Oncology Fellows

Sarah Nagle, MD
Center for Hematologic Malignancies, Division of Hematology/Oncology

Background
- Malignant hematology (HM) and bone marrow transplant (BMT) represent 14% of the ABIM Medical Oncology and 43% of the ABIM Hematology Exams
- Training in HM and BMT is variable and fellows may not be prepared for independent practice

Current Curriculum
- 2-four week inpatient blocks
- 2 half-days of clinic each week of inpatient blocks

Issues with Current Model
Fellow expectations are not always clear leading to dissatisfaction among fellows, faculty, APPs
Fellows are not attending outpatient clinics
Fellows are not always getting formal daily teaching

Project Objectives
- To redesign the hematology/oncology fellowship curriculum for HM/BMT using a multidisciplinary approach in order to:
  - Improve fellow education in HM/BMT
  - Improve fellow/faculty(APP) satisfaction with the fellowship HM/BMT rotation
  - Better prepare fellows for independent practice and board exams
  - Standardize faculty teaching

Baseline Data

<table>
<thead>
<tr>
<th>Faculty Responses (n=10)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Strongly Agree</td>
</tr>
<tr>
<td>40%</td>
</tr>
<tr>
<td>45%</td>
</tr>
<tr>
<td>40%</td>
</tr>
<tr>
<td>45%</td>
</tr>
</tbody>
</table>

Fellow Responses (n=9)
- 44% of the fellows were satisfied with the curriculum
- 40% of fellows felt prepared for independent practice

New Curriculum Design

Inpatient
- 2-four week blocks in 1st year of fellowship
- Clear expectations for fellow, faculty, APP
- Fellows gradually gain independence
- Feedback form provided at start of rotation

Outpatient
- 6 months weekly HM/BMT clinics at OHSU during 2nd year of fellowship
- Clinics assigned, expectations clear
- Exposure to wide range of diseases and CHM faculty
- Feedback form provided at start of rotation

Implementation
Planned for July 2018

Additional Baseline Data
- 20 item knowledge assessment (to be done May 2018)
- Survey to recent graduates (pending)
- In Training Exam Scores (in BMT and HM)

Post-Implementation Data
- Faculty and Fellow Survey
- In Training Exam Scores
- Repeat knowledge assessment