By the end of the Thoracic Surgery rotation at MUH PGY 4 residents are expected to achieve the following objectives based on the six general competencies. The resident should exhibit an increasing level of responsibility and independency as he or she progresses throughout the year. Since competencies learned or mastered in the first year of residency are competencies required for a successful surgeon, the second year resident will demonstrate achieved objectives in previous years with expanded knowledge, more efficiency in performance of procedures, and additional knowledge in pathophysiology encompassing more complex disorders.

<table>
<thead>
<tr>
<th>Competency</th>
<th>Required Skill(s)</th>
<th>Teaching Method(s)</th>
<th>Formative Evaluation Method(s)</th>
<th>Frequency of Evaluation</th>
</tr>
</thead>
</table>
| Patient Care | SPECIALTY SPECIFIC OBJECTIVES | Under direct supervision, perform exploratory chest surgery  
• Open or thoracoscopic | Clinical Teaching  
Conferences/Didactics  
Self Directed Learning | Focused Observation  
Global Rating  
Mock Oral Exam | Daily  
Monthly  
Annually |
| | | Under direct supervision, perform the following: pulmonary resection  
• wedge resection  
• lobectomy  
• pneumonectomy  
esophageal resection | Clinical Teaching  
Conferences/Didactics  
Self Directed Learning | Focused Observation  
Global Rating  
Mock Oral Exam | Daily  
Monthly  
Annually |
| | | Under direct supervision, perform surgery for benign pulmonary disease | Clinical Teaching  
Conferences/Didactics  
Self Directed Learning | Focused Observation  
Global Rating  
Mock Oral Exam | Daily  
Monthly  
Annually |
| | | Participate in multidisciplinary conferences for the treatment of thoracic malignancy | Clinical Teaching  
Conferences/Didactics  
Self Directed Learning | Focused Observation  
Global Rating  
Mock Oral Exam | Daily  
Monthly  
Annually |
| Medical Knowledge | SPECIALTY SPECIFIC OBJECTIVES | Demonstrate an understanding of the diagnosis and treatment of following cardiothoracic diseases:  
• peripheral lung lesion  
• hemoptysis  
• pneumothorax/tension  
• hemothorax  
• thoracic malignancy  
esophageal malignancy | Clinical Teaching  
Conferences/Didactics  
Self Directed Learning  
Simulators  
Journal Club | Focused Observation  
Global Rating  
Mock Oral Exam  
ABSITE | Daily  
Monthly  
Annually  
Annually |
<table>
<thead>
<tr>
<th>Practice Based Learning and Improvement</th>
<th><strong>SPECIALTY SPECIFIC OBJECTIVES</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Participate in teaching and organization of the educational conferences and activities of the Department of Surgery and assume responsibility for teaching and supervision of subordinate surgical housestaff and medical students.</td>
<td>Journal Club Research Project M &amp; M Conference Focused Observation Global Rating Procedure Log Daily Monthly Quarterly</td>
</tr>
<tr>
<td><strong>Interpersonal and Communication Skills</strong></td>
<td><strong>SPECIALTY SPECIFIC OBJECTIVES</strong></td>
<td></td>
</tr>
<tr>
<td>See General Surgery Objectives for a comprehensive list.</td>
<td>Create and sustain a therapeutic and ethically sound relationship with patients.</td>
<td>Clinical Teaching Role Modeling Didactics/Presentations Grand Rounds Focused Observation Global Rating Record Review Daily Monthly Quarterly</td>
</tr>
<tr>
<td></td>
<td>Work effectively with other members of the medical team including fellow residents and medical students.</td>
<td>Clinical Teaching Role Modeling Didactics/Presentations Grand Rounds Focused Observation Global Rating Record Review Daily Monthly Quarterly</td>
</tr>
<tr>
<td></td>
<td>Maintain professional interactions with other health care providers and hospital staff.</td>
<td>Clinical Teaching Role Modeling Didactics/Presentations Grand Rounds Focused Observation Global Rating Record Review Daily Monthly Quarterly</td>
</tr>
<tr>
<td><strong>Professionalism</strong></td>
<td><strong>SPECIALTY SPECIFIC OBJECTIVES</strong></td>
<td></td>
</tr>
<tr>
<td>See General Surgery Objectives for a comprehensive list.</td>
<td>Participate in compassionate patient care maintaining the highest moral and ethical values with a professional attitude.</td>
<td>Clinical Teaching Role Modeling Ethics Lectures Grand Rounds Focused Observation Global Rating Record Review Daily Monthly Quarterly</td>
</tr>
<tr>
<td></td>
<td>The resident should be sensitive to the needs and feelings of others, including the patient's family members, allied health care personnel, fellow residents, and medical students.</td>
<td>Clinical Teaching Role Modeling Ethics Lectures Grand Rounds Focused Observation Global Rating Record Review Daily Monthly Quarterly</td>
</tr>
<tr>
<td></td>
<td>Demonstrate respect, compassion, integrity in the care of patients on a daily basis and sensitivity to patients’ culture, age, and gender.</td>
<td>Clinical Teaching Role Modeling Ethics Lectures Focused Observation Global Rating Record Review Daily Monthly Quarterly</td>
</tr>
<tr>
<td>Systems-Based Practice</td>
<td>SPECIALTY SPECIFIC OBJECTIVES</td>
<td>Grand Rounds</td>
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<td></td>
<td>See General Surgery Objectives for a comprehensive list.</td>
<td></td>
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<tr>
<td></td>
<td>Understand how the health care organization affects surgical practice.</td>
<td>M &amp; M Conference Multidisciplinary Conf Clinical Teaching</td>
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<td></td>
<td>Demonstrates cost effective health care.</td>
<td>M &amp; M Conference Multidisciplinary Conf Clinical Teaching</td>
</tr>
<tr>
<td></td>
<td>Partner with health care managers and allied health personnel to improve health care</td>
<td>M &amp; M Conference Multidisciplinary Conf Clinical Teaching</td>
</tr>
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