University of Cincinnati Internal Medicine

Resident Education
Curriculum
2013-2014
<table>
<thead>
<tr>
<th>SECTION ONE</th>
<th>Page</th>
<th>HEMATOLOGY/ONCOLOGY</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Educational Purpose</td>
<td>3</td>
<td>Consults</td>
<td>33</td>
</tr>
<tr>
<td>Rotation Objectives</td>
<td>3</td>
<td>Outpatient</td>
<td>34</td>
</tr>
<tr>
<td>Levels of Supervision</td>
<td>3</td>
<td>Wards PGY-1</td>
<td>35</td>
</tr>
<tr>
<td>Assessment Scale</td>
<td>4</td>
<td>Wards PGY 2-4</td>
<td>36</td>
</tr>
<tr>
<td>CARDIOLOGY</td>
<td>INFECTIOUS DISEASES</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Advanced Critical Care</td>
<td>5</td>
<td>Inpatient Consults</td>
<td>37</td>
</tr>
<tr>
<td>Congestive Heart Failure</td>
<td>6</td>
<td>Outpatient Consults</td>
<td>38</td>
</tr>
<tr>
<td>Consults</td>
<td>7</td>
<td>NEPHROLOGY</td>
<td></td>
</tr>
<tr>
<td>Outpatient</td>
<td>8</td>
<td>Consults</td>
<td>39</td>
</tr>
<tr>
<td>Wards 6-South PGY-1</td>
<td>9</td>
<td>Wards PGY-1</td>
<td>40</td>
</tr>
<tr>
<td>Wards 6-South PGY 2-4</td>
<td>10</td>
<td>Wards PGY 2-4</td>
<td>41</td>
</tr>
<tr>
<td>Cardiovascular Intensive Care Unit (CVICU)</td>
<td>11</td>
<td>PULMONARY CRITICAL CARE</td>
<td></td>
</tr>
<tr>
<td>DIGESTIVE DISEASES</td>
<td>Advanced Critical Care</td>
<td>42</td>
<td></td>
</tr>
<tr>
<td>Consults</td>
<td>12</td>
<td>Consults</td>
<td>43</td>
</tr>
<tr>
<td>Outpatient</td>
<td>13</td>
<td>Medical Intensive Care Unit (MICU) PGY-1</td>
<td>44</td>
</tr>
<tr>
<td>Wards PGY-1</td>
<td>14</td>
<td>Medical Intensive Care Unit (MICU) PGY 2-4</td>
<td>45</td>
</tr>
<tr>
<td>Wards PGY-2</td>
<td>15</td>
<td>Interventional Pulmonology</td>
<td>46</td>
</tr>
<tr>
<td>Liver</td>
<td>16</td>
<td>Outpatient</td>
<td>47</td>
</tr>
<tr>
<td>ENDOCRINOLOGY</td>
<td>RHEUMATOLOGY/ALLERGY</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Endocrinology</td>
<td>17</td>
<td>Allergy</td>
<td>48</td>
</tr>
<tr>
<td>GENERAL INTERNAL MEDICINE</td>
<td>Rheumatology</td>
<td>49</td>
<td></td>
</tr>
<tr>
<td>Consults</td>
<td>18</td>
<td>OFF SERVICE</td>
<td></td>
</tr>
<tr>
<td>Geriatrics</td>
<td>19</td>
<td>Anesthesia</td>
<td>50</td>
</tr>
<tr>
<td>Long Block Content</td>
<td>20</td>
<td>Emergency Department UH</td>
<td>51</td>
</tr>
<tr>
<td>Long Block Process</td>
<td>21</td>
<td>Emergency Department VA</td>
<td>52</td>
</tr>
<tr>
<td>Primary Care</td>
<td>22</td>
<td>Neurology Consults</td>
<td>53</td>
</tr>
<tr>
<td>Private Practice</td>
<td>23</td>
<td>Neurology Wards</td>
<td>54</td>
</tr>
<tr>
<td>Night Medicine PGY-1</td>
<td>24</td>
<td>Psychiatry Consults</td>
<td>55</td>
</tr>
<tr>
<td>Night Medicine PGY2-4</td>
<td>25</td>
<td>RESEARCH</td>
<td></td>
</tr>
<tr>
<td>Initiative on Poverty, Justice, and Health</td>
<td>26</td>
<td>Research</td>
<td>56</td>
</tr>
<tr>
<td>International Medicine</td>
<td>27</td>
<td>DESIGNER ELECTIVE</td>
<td></td>
</tr>
<tr>
<td>Pain Management</td>
<td>28</td>
<td>Designer Elective</td>
<td>57</td>
</tr>
<tr>
<td>Palliative Care</td>
<td>29</td>
<td>SECTION II</td>
<td></td>
</tr>
<tr>
<td>Women’s Health</td>
<td>30</td>
<td>Summary Written Multisource</td>
<td>58-61</td>
</tr>
<tr>
<td>Wards PGY-1</td>
<td>31</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wards PGY 2-4</td>
<td>32</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Internal Medicine Attending Assessment of Residents

Educational Purpose

During your residency you will develop the tools necessary to become comprehensive internists capable of managing diverse patients with a broad range of diseases. Your training will be tailored to your needs whether you pursue a career in general internal medicine, subspecialty medicine, or academic medicine.

Rotation Objectives

You will find specific objectives for each rotation in this document. These are representative skills of medicine that you must learn during residency. Click on the listings in the table of contents to hyperlink to the appropriate section.

These objectives will not be the only things you will learn on each rotation, but they are what you will be measured by. You must review the objectives at the beginning and end of each rotation with your attending physician.

Level of Supervision

You will be supervised by an attending physician for all patients that you encounter. These levels of supervision include:

1. Direct Supervision – the supervising physician will be physically present with you and your patient.
2. Indirect Supervision:
   a. With direct supervision immediately available – the supervising physician will be physically within the hospital or other site of patient care, and will be immediately available to provide Direct Supervision.
   b. With direct supervision available – the supervising physician is not physically present within the hospital or other site of patient care, but is immediately available by means of telephonic and/or electronic modalities, and is available to provide Direct Supervision.

Back to Table of Contents
For some aspects of patient care, the supervising physician may be a more advanced resident or fellow.

**Assessment Scale**

For the specific goals and objectives listed in this document, the basic evaluation unit will be one of Entrustment.

Your attendings will determine what level they trust you to do each skill:

1. You cannot do the skill even with assistance
2. You can do the skill under proactive, ongoing, full supervision
3. You can do the skill reactive supervision, (i.e. supervision is readily available upon request)
4. You can do the skill independently
5. You may act as a supervisor and instructor for the skill

This means that most interns will start with a 2 and progress to 3 on most measures by the end of the year, and most PGY-2/3 residents will start with 3 and progress to 4 on most measures by the end of residency.

To see a video on how this system works, click on the link below:

https://www.dropbox.com/s/j8351mufdsuai1/Attending%20Preparation%20July-August%202013v3.0.wmv
Rotation: Cardiology Advanced Critical Care

Content Goals and Objectives

1. Interpret basic and advanced EKGs
2. Interpret findings on cardiac imaging studies
3. Interpret pulmonary artery catheter data

Process-Based Goals and Objectives

1. Demonstrate shared decision-making with the patient
2. Recognize the scope of his/her abilities and ask for supervision and assistance appropriately
3. Minimize unnecessary care including tests
4. Use feedback to improve performance
5. Manage the interdisciplinary team
6. Role model effective communication skills in challenging situations
7. Guide and support bedside presentations that engage the patient and focus the discussion around the patient’s central concerns
8. Gather subtle, sensitive, and complicated information that may not be volunteered by the patient
9. Modify the differential diagnosis and care plan based on clinical course and data as appropriate
10. Choose the appropriate consultative services for a given clinical condition
11. Integrate clinical evidence into decision making
12. Teach physical findings for junior members of the health care team
13. Stabilize patients with urgent or emergent medical conditions and transfer to a higher level of care when necessary
14. Demonstrate empathy, compassion, and a commitment to relieve pain and suffering

Back to Table of Contents
Rotation: Congestive Heart Failure

**Content Goals and Objectives**

1. Construct a treatment plan for patient with heart failure
2. Identify the cause of heart failure exacerbations
3. Identify an S3 on physical exam
4. Identify jugular venous distension on physical exam.
5. Discuss diet restrictions with a patient

**Process-Based Goals and Objectives**

1. Acquire accurate and relevant history
2. Develop prioritized differential diagnoses
3. Provide accurate, complete, and timely documentation
4. Minimize unnecessary care including tests
5. Integrate clinical evidence into decision making
6. Communicate effectively with the consulting team
7. Use feedback to improve performance
8. Demonstrate empathy, compassion, and a commitment to relieve pain and suffering

Back to Table of Contents
Rotation: Cardiology Consults

**Content Goals and Objectives**

1. Interpret EKGs and use as tool to make management decisions
2. Refer patients for appropriate cardiac imaging
3. Counsel patient on lifestyle modifications for aggressive risk factor modifications
4. Differentiate cardiac versus non-cardiac chest discomfort
5. Manage heart failure
6. Begin initial management plan for basic arrhythmias
7. Interpret cardiac biomarkers

**Process-Based Goals and Objectives**

1. Acquire accurate and relevant history
2. Perform an accurate physical exam
3. Develop prioritized differential diagnoses
4. Develop an evidence-based diagnostic and therapeutic plan
5. Provide accurate, complete, and timely documentation
6. Minimize unnecessary care including tests
7. Gather subtle, sensitive, and complicated information that may not be volunteered by the patient
8. Modify the differential diagnosis and care plan based on clinical course and data as appropriate
9. Integrate clinical evidence into decision making
10. Communicate effectively with the consulting team
11. Use feedback to improve performance
12. Demonstrate empathy, compassion, and a commitment to relieve pain and suffering
Rotation: Cardiology Outpatient

Content Goals and Objectives

6. Interpret EKGs and use as tool to make management decisions
7. Refer patients for appropriate cardiac imaging
8. Counsel patient on lifestyle modifications for aggressive risk factor modifications
9. Differentiate cardiac versus non-cardiac chest discomfort
10. Manage heart failure
11. Begin initial management plan for basic arrhythmias
12. Interpret cardiac biomarkers

Process-Based Goals and Objectives

9. Acquire accurate and relevant history
10. Perform an accurate physical exam
11. Develop prioritized differential diagnoses
12. Develop an evidence-based diagnostic and therapeutic plan
13. Provide accurate, complete, and timely documentation
14. Minimize unnecessary care including tests
15. Gather subtle, sensitive, and complicated information that may not be volunteered by the patient
16. Modify the differential diagnosis and care plan based on clinical course and data as appropriate
17. Integrate clinical evidence into decision making
18. Communicate effectively with the consulting team
19. Use feedback to improve performance
20. Demonstrate empathy, compassion, and a commitment to relieve pain and suffering

Back to Table of Contents
Rotation: Cardiology 6-South PGY-1

Content Goals and Objectives

1. Demonstrate basic EKG reading skills
2. Refer patients for appropriate cardiac imaging
3. Counsel patient on lifestyle modifications for aggressive risk factor modifications
4. Differentiate cardiac versus non-cardiac chest discomfort
5. Diagnose acute coronary syndrome (unstable Angina, NSTEMI, STEMI)
6. Manage heart failure (acute, chronic, systolic and diastolic)
7. Begin initial management plan for basic arrhythmias

Process-Based Goals and Objectives

8. Perform an accurate physical exam
9. Develop prioritized differential diagnoses
10. Develop an evidence-based diagnostic and therapeutic plan
11. Recognize the scope of his/her abilities and ask for supervision and assistance appropriately
12. Minimize unnecessary care including tests
13. Gather subtle, sensitive, and complicated information that may not be volunteered by the patient
14. Integrate clinical evidence into decision making
15. Evaluate complex medical patient in a timely manner
16. Provide appropriate preventive care
17. Demonstrate empathy, compassion, and a commitment to relieve pain and suffering

Back to Table of Contents
Rotation: Cardiology 6-South PGY 2-4

Content Goals and Objectives

1. Interpret advanced EKGs and use as tool to make management decisions
2. Refer patients for appropriate cardiac imaging
3. Titrate cardiac medications
4. Manage acute coronary syndrome
5. Manage cardiomyopathy
6. Identify and manage arrhythmias
7. Manage anticoagulant therapy in cardiac patients

Process-Based Goals and Objectives

1. Demonstrate shared decision-making with the patient
2. Recognize the scope of his/her abilities and ask for supervision and assistance appropriately
3. Minimize unnecessary care including tests
4. Use feedback to improve performance
5. Manage the interdisciplinary team
6. Role model effective communication skills in challenging situations
7. Guide and support bedside presentations that engage the patient and focus the discussion around the patient’s central concerns
8. Gather subtle, sensitive, and complicated information that may not be volunteered by the patient
9. Modify the differential diagnosis and care plan based on clinical course and data as appropriate
10. Choose the appropriate consultative services for a given clinical condition
11. Integrate clinical evidence into decision making
12. Teach physical findings for junior members of the health care team
13. Stabilize patients with urgent or emergent medical conditions and transfer to a higher level of care when necessary
14. Demonstrate empathy, compassion, and a commitment to relieve pain and suffering

Back to Table of Contents
Rotation: Cardiovascular ICU

Content Goals and Objectives

1. Interpret basic and advanced EKGs
2. Refer patients for appropriate cardiac imaging
3. Manage acute coronary syndrome
4. Manage arrhythmias
5. Manage inotropes and vasopressor agents in the management of shock and heart failure.
6. Interpret pulmonary artery catheter data
7. Manage anticoagulant therapy in cardiac patients

Process-Based Goals and Objectives

1. Demonstrate shared decision-making with the patient
2. Recognize the scope of his/her abilities and ask for supervision and assistance appropriately
3. Minimize unnecessary care including tests
4. Use feedback to improve performance
5. Manage the interdisciplinary team
6. Role model effective communication skills in challenging situations
7. Guide and support bedside presentations that engage the patient and focus the discussion around the patient’s central concerns
8. Gather subtle, sensitive, and complicated information that may not be volunteered by the patient
9. Modify the differential diagnosis and care plan based on clinical course and data as appropriate
10. Choose the appropriate consultative services for a given clinical condition
11. Integrate clinical evidence into decision making
12. Teach physical findings for junior members of the health care team
13. Stabilize patients with urgent or emergent medical conditions and transfer to a higher level of care when necessary
14. Demonstrate empathy, compassion, and a commitment to relieve pain and suffering

Back to Table of Contents
Rotation: Digestive Diseases Consults

Content Goals and Objectives

1. Initiate a cost effective work-up for iron deficiency anemia
2. Begin initial work-up for gastrointestinal bleeding
3. Recommend GI procedures and imaging
4. Manage diarrhea in a hospitalized patient
5. Initiate investigation of abdominal pain
6. Recommend appropriate route for nutritional supplementation
7. Diagnose inflammatory bowel disease

Process-Based Goals and Objectives

1. Acquire accurate and relevant history
2. Perform an accurate physical exam
3. Develop prioritized differential diagnoses
4. Develop an evidence-based diagnostic and therapeutic plan
5. Provide accurate, complete, and timely documentation
6. Minimize unnecessary care including tests
7. Gather subtle, sensitive, and complicated information that may not be volunteered by the patient
8. Modify the differential diagnosis and care plan based on clinical course and data as appropriate
9. Integrate clinical evidence into decision making
10. Communicate effectively with the consulting team
11. Use feedback to improve performance
Rotation: Digestive Diseases Outpatient

Content Goals and Objectives

1. Take a history specific to gastroenterology

Process-Based Goals and Objectives

1. Perform an accurate physical exam.
2. Develop prioritized differential diagnoses.
3. Develop an evidence-based diagnostic and therapeutic plan.
4. Minimize unnecessary care including tests
5. Demonstrate empathy, compassion, and a commitment to relieve pain and suffering
Rotation: Digestive Diseases Inpatient Wards PGY-1

Content Goals and Objectives

1. Write initial admission orders for gastrointestinal bleeding
2. Write initial admission orders for pancreatitis
3. Initiate investigation of abdominal pain
4. Manage diarrhea
5. Manage common sequelae of cirrhosis
6. Initiate enteral and parenteral nutrition
7. Distinguish between hepatitic, cholestatic, and infiltrative patterns of liver disease
8. Devise a cost-effective approach to the diagnosis of chronically elevated transaminases*
9. Perform paracentesis

Process-Based Goals and Objectives

1. Acquire accurate and relevant history
2. Perform an accurate physical exam
3. Develop prioritized differential diagnoses
4. Develop an evidence-based diagnostic and therapeutic plan
5. Demonstrate accurate medication reconciliation
6. Provide accurate, complete, and timely documentation
7. Identify the appropriate clinical question for consultative services
8. Identify clinical questions as they emerge in patient care activities and access medical information resources
9. Perform bedside presentations that engage the patient and focus the discussion around the patient’s central concerns
10. Minimize unfamiliar terms during patient encounters
11. Demonstrate shared decision-making with the patient
12. Use teach-back method with patients regarding medications and plan
13. Communicate with primary care physicians
14. Recognize the scope of his/her abilities and ask for supervision and assistance appropriately
15. Minimize unnecessary care including tests
16. Use feedback to improve performance
17. Demonstrate empathy, compassion, and a commitment to relieve pain and suffering

Back to Table of Contents
Content Goals and Objectives

1. Manage gastrointestinal bleeding
2. Manage pancreatitis
3. Manage inflammatory bowel disease
4. Manage common sequelae of cirrhosis
5. Manage acute hepatitis
6. Manage post-procedure complications
7. Identify patients who may benefit from liver transplantation
8. Evaluate obstructive jaundice
9. Manage complications of immunosuppressive therapy

Process-Based Goals and Objectives

1. Demonstrate shared decision-making with the patient
2. Recognize the scope of his/her abilities and ask for supervision and assistance appropriately
3. Minimize unnecessary care including tests
4. Use feedback to improve performance
5. Manage the interdisciplinary team
6. Role model effective communication skills in challenging situations
7. Guide and support bedside presentations that engage the patient and focus the discussion around the patient’s central concerns
8. Gather subtle, sensitive, and complicated information that may not be volunteered by the patient
9. Modify the differential diagnosis and care plan based on clinical course and data as appropriate
10. Choose the appropriate consultative services for a given clinical condition
11. Integrate clinical evidence into decision making
12. Teach physical findings for junior members of the health care team
13. Stabilize patients with urgent or emergent medical conditions and transfer to a higher level of care when necessary
14. Demonstrate empathy, compassion, and a commitment to relieve pain and suffering
Rotation: Liver Consults

**Content Goals and Objectives**

1. Assess risk factors for acute hepatitis, including the use of herbal and over the counter agents
2. Distinguish between hepatitic, cholestatic, and infiltrative patterns of liver disease
3. Interpret serologic testing for hepatitis A, hepatitis B, and hepatitis C
4. Distinguish between cirrhotic and non-cirrhotic portal hypertension
5. Formulate cost-effective approach to the diagnosis of chronically elevated transaminases
6. Formulate a cost-effective approach to the diagnosis of cholestatic liver disease
7. Identify the salient features of fulminant hepatic failure
8. Identify the indications and contraindications for liver transplantation
9. Manage common sequelae of cirrhosis

**Process-Based Goals and Objectives**

1. Acquire accurate and relevant history
2. Perform an accurate physical exam
3. Develop prioritized differential diagnoses
4. Develop an evidence-based diagnostic and therapeutic plan
5. Provide accurate, complete, and timely documentation
6. Minimize unnecessary care including tests
7. Gather subtle, sensitive, and complicated information that may not be volunteered by the patient
8. Modify the differential diagnosis and care plan based on clinical course and data as appropriate
9. Integrate clinical evidence into decision making
10. Communicate effectively with the consulting team
11. Use feedback to improve performance
12. Demonstrate empathy, compassion, and a commitment to relieve pain and suffering
Rotation: Endocrinology

Content Goals and Objectives

1. Interpret blood glucose readings
2. Titrate insulin based on glucose readings
3. Recommend proper monitoring and management of diabetic microvascular and macrovascular complications
4. Evaluate thyrotoxicosis
5. Manage hypothyroidism
6. Evaluate pituitary adenoma
7. Evaluate hypogonadism
8. Evaluate hypercalcemia
9. Interpret a cosyntropin stimulation test

Process-Based Goals and Objectives

1. Perform an accurate physical exam
2. Develop prioritized differential diagnoses
3. Develop an evidence-based diagnostic and therapeutic plan
4. Recognize the scope of his/her abilities and ask for supervision and assistance appropriately
5. Minimize unnecessary care including tests
6. Gather subtle, sensitive, and complicated information that may not be volunteered by the patient
7. Integrate clinical evidence into decision making
8. Evaluate complex medical patient in a timely manner
9. Provide appropriate preventive care
10. Demonstrate empathy, compassion, and a commitment to relieve pain and suffering

Back to Table of Contents
Rotation: General Internal Medicine: Consults

Content Goals and Objectives

1. Recognize the need for urgent/emergent medical consultation
2. Perform pre-operative cardiac risk stratification
3. Minimize peri-operative cardiac risk
4. Manage peri-operative NSTEMI
5. Minimize peri-operative pulmonary risk
6. Suggest adequate peri-operative DVT prophylaxis
7. Manage hyperglycemia in the peri-operative diabetic patient
8. Manage peri-operative hypertension
9. Manage peri-operative anticoagulation in the patient taking chronic anticoagulants including anti-platelet agents
10. Manage postoperative delirium.
11. Assess postoperative fever

Process-Based Goals and Objectives

1. Acquire accurate and relevant history
2. Perform an accurate physical exam
3. Develop prioritized differential diagnoses
4. Develop an evidence-based diagnostic and therapeutic plan
5. Provide accurate, complete, and timely documentation
6. Minimize unnecessary care including tests
7. Gather subtle, sensitive, and complicated information that may not be volunteered by the patient
8. Modify the differential diagnosis and care plan based on clinical course and data as appropriate
9. Integrate clinical evidence into decision making
10. Communicate effectively with the consulting team
11. Use feedback to improve performance
12. Demonstrate empathy, compassion, and a commitment to relieve pain and suffering

Back to Table of Contents
Rotation: General Internal Medicine: Geriatrics

Content Goals and Objectives

1. Evaluate functional abilities of geriatric patient
2. Perform a focused physical exam on post hospital discharge patient
3. Perform medication reconciliation on post hospital discharge patient
4. Write initial admission orders on geriatric patient in the post hospital setting
5. Provide anticipatory guidance during routine visits in a primary care setting
6. Evaluate cause of falls and suggest initial management plan
7. Evaluate memory loss/dementia and suggest initial management plan
8. Evaluate urinary incontinence and suggest initial management plan

Process-Based Goals and Objectives

1. Perform an accurate physical exam
2. Develop prioritized differential diagnoses
3. Develop an evidence-based diagnostic and therapeutic plan
4. Recognize the scope of his/her abilities and ask for supervision and assistance appropriately
5. Minimize unnecessary care including tests
6. Gather subtle, sensitive, and complicated information that may not be volunteered by the patient
7. Integrate clinical evidence into decision making
8. Evaluate complex medical patient in a timely manner
9. Provide appropriate preventive care
10. Demonstrate empathy, compassion, and a commitment to relieve pain and suffering
Rotation: General Internal Medicine Long Block: Content

Content Goals and Objectives

1. Manage hypertension
2. Manage diabetes
3. Manage hyperlipidemia
4. Manage depression
5. Manage COPD
6. Manage acute pain syndromes from orthopedic sources
7. Evaluate patients with undifferentiated urgent medical need

Back to Table of Contents
Rotation: General Internal Medicine Long Block: Process

Process-Based Goals and Objectives

1. Provide care for patients in non-traditional ways between office visits (telephone, email, group visits)
2. Safely “sign out” patients among members of health care team
3. Identify, accommodate, and customize care for patients with language, cognitive, functional, or cultural barriers
4. Lead an interprofessional team meeting or “huddle”
5. Collaboratively assess and refine office systems based on workflow analysis and patient experience
6. Improve care via Plan-Do-Study-Act (PDSA) cycles
7. Track, coordinate, and ensure follow up on messages, tests, consults, and care at other facilities

Back to Table of Contents
Rotation: General Internal Medicine: Primary Care

Content Goals and Objectives

1. Recognize when to refer to specialist
2. Workup thyroid disease
3. Manage complicated diabetes patients
4. Obtain thorough dermatologic history
5. Describe rash using dermatologic terms
6. Manage chronic sinusitis
7. Demonstrate rehabilitation exercises for chronic low back pain
8. Assess functional impairment as part of disability evaluation
9. Describe resources available to hospice patients
10. Describe community resources available to elderly patients

Process-Based Goals and Objectives

1. Perform an accurate physical exam
2. Develop prioritized differential diagnoses
3. Develop an evidence-based diagnostic and therapeutic plan
4. Recognize the scope of his/her abilities and ask for supervision and assistance appropriately
5. Minimize unnecessary care including tests
6. Gather subtle, sensitive, and complicated information that may not be volunteered by the patient
7. Integrate clinical evidence into decision making
8. Evaluate complex medical patient in a timely manner
9. Provide appropriate preventive care
10. Demonstrate empathy, compassion, and a commitment to relieve pain and suffering

Back to Table of Contents
Rotation: General Internal Medicine: Private Practice

Content Goals and Objectives

1. Recognize when to refer to specialist
2. Workup thyroid disease
3. Manage complicated diabetes patients
4. Obtain thorough dermatologic history
5. Describe rash using dermatologic terms
6. Manage chronic sinusitis
7. Demonstrate rehabilitation exercises for chronic low back pain
8. Assess functional impairment as part of disability evaluation
9. Describe resources available to hospice patients
10. Describe community resources available to elderly patients

Process-Based Goals and Objectives

1. Perform an accurate physical exam
2. Develop prioritized differential diagnoses
3. Develop an evidence-based diagnostic and therapeutic plan
4. Recognize the scope of his/her abilities and ask for supervision and assistance appropriately
5. Minimize unnecessary care including tests
6. Gather subtle, sensitive, and complicated information that may not be volunteered by the patient
7. Integrate clinical evidence into decision making
8. Evaluate complex medical patient in a timely manner
9. Provide appropriate preventive care
10. Demonstrate empathy, compassion, and a commitment to relieve pain and suffering

Back to Table of Contents
Rotation: General Internal Medicine: Night Medicine
PGY-1

Content Goals and Objectives

1. Manage hyperglycemia
2. Manage elevated blood pressure
3. Diagnose the cause of loss of consciousness and differentiate syncope from other etiologies.
4. Initiate appropriate antibiotic(s) for pneumonia
5. Initiate appropriate antibiotic(s) for skin and soft tissue infections
6. Manage exacerbations of obstructive lung disease
7. Manage alcohol withdrawal
8. Manage derangements of electrolytes
9. Recognize delirium and identify potential causes
10. Initiate workup and management of fever
11. Manage pain complaints overnight
12. Document cross-cover care

Process-Based Goals and Objectives

1. Acquire accurate and relevant history
2. Perform an accurate physical exam
3. Develop prioritized differential diagnoses
4. Develop an evidence-based diagnostic and therapeutic plan
5. Demonstrate accurate medication reconciliation
6. Provide accurate, complete, and timely documentation
7. Identify the appropriate clinical question for consultative services
8. Identify clinical questions as they emerge in patient care activities and access medical information resources
9. Perform bedside presentations that engage the patient and focus the discussion around the patient’s central concerns
10. Minimize unfamiliar terms during patient encounters
11. Demonstrate shared decision-making with the patient
12. Use teach-back method with patients regarding medications and plan
13. Communicate with primary care physicians
14. Recognize the scope of his/her abilities and ask for supervision and assistance appropriately
15. Minimize unnecessary care including tests
16. Use feedback to improve performance
17. Demonstrate empathy, compassion, and a commitment to relieve pain and suffering

Back to Table of Contents
Rotation: General Internal Medicine: Night Medicine PGY 2-4

Content Goals and Objectives

1. Supervise PGY-1 residents in the care of patients overnight

Process-Based Goals and Objectives

1. Stabilize patients with urgent or emergent medical conditions and transfer to a higher level of care when necessary.
Rotation: Initiative on Poverty Justice and Health

Content Goals and Objectives

1. Identify a patient at risk for vulnerability in a clinical setting.
2. Refer a patient to a community resource based upon the stated need during a clinical encounter.
3. Recognize a cultural-bounded syndrome or belief.
4. Identify a health disparity that affects the health of a vulnerable patient during an encounter.
5. Manage a chronic medical condition in a resource-limited setting.
6. Collect a relevant social history on a vulnerable patient.
7. Uses an interpreter in a patient encounter.

Process-Based Goals and Objectives

1. Recognize the scope of his/her abilities and ask for supervision and assistance appropriately.
2. Minimize unnecessary care including tests.
3. Gather subtle, sensitive, and complicated information that may not be volunteered by the patient.
4. Integrate clinical evidence into decision making.
5. Evaluate complex medical patient in a timely manner.
6. Provide appropriate preventive care.
7. Demonstrate empathy, compassion, and a commitment to relieve pain and suffering.

Back to Table of Contents
Rotation: International Medicine

Content Goals and Objectives

1. Personally prepare for travel (packing, vaccines, visas etc.)
2. Research and present topics appropriate to the region of travel during the pre-planning phase
3. Deliver educational activity for the destination community-at-large and accompanying healthcare givers
4. Create and deliver on-site projects as assigned
5. Demonstrate cultural sensitivity
6. Demonstrate flexibility of on-site education and care plans
7. Utilize scarce resources in a creative and practical manner

Process-Based Goals and Objectives

1. Perform an accurate physical exam
2. Develop prioritized differential diagnoses
3. Develop an evidence-based diagnostic and therapeutic plan
4. Recognize the scope of his/her abilities and ask for supervision and assistance appropriately
5. Minimize unnecessary care including tests
6. Gather subtle, sensitive, and complicated information that may not be volunteered by the patient
7. Integrate clinical evidence into decision making
8. Evaluate complex medical patient in a timely manner
9. Provide appropriate preventive care
10. Demonstrate empathy, compassion, and a commitment to relieve pain and suffering

Back to Table of Contents
Content Goals and Objectives

1. Assess pain using an established pain scale
2. Diagnose a chronic pain syndrome
3. Order advanced imaging in the work-up of a pain syndrome
4. Initiate a pain regimen for a chronic pain syndrome
5. Communicate and monitor for side effects of pain medications
6. Titrate narcotic pain medication
7. Manage non-narcotic adjuvant pain medication
8. Initiate non-pharmacological treatments for chronic pain.
9. Uses shared decision making strategies for complicated or ambiguous pain management scenarios

Process-Based Goals and Objectives

1. Perform an accurate physical exam
2. Develop prioritized differential diagnoses
3. Develop an evidence-based diagnostic and therapeutic plan
4. Recognize the scope of his/her abilities and ask for supervision and assistance appropriately
5. Minimize unnecessary care including tests
6. Gather subtle, sensitive, and complicated information that may not be volunteered by the patient
7. Integrate clinical evidence into decision making
8. Evaluate complex medical patient in a timely manner
9. Provide appropriate preventive care
10. Demonstrate empathy, compassion, and a commitment to relieve pain and suffering
Rotation: Palliative Care

Content Goals and Objectives

1. Treat pain encountered with terminal illness
2. Utilize narcotic table to titrate pain medications
3. Assist patient and families in setting and clarifying goals at the end of life
4. Communicate with family members whose loved ones have cognitive impairment or altered mental status
5. Explore and respond to patient/family experiences when transitioning from curative to comfort care
6. Identify common reasons for hospital re-admission from hospice care
7. Prepare patients and families for inpatient versus outpatient hospice transitions

Process-Based Goals and Objectives

1. Acquire accurate and relevant history
2. Develop prioritized differential diagnoses
3. Provide accurate, complete, and timely documentation
4. Minimize unnecessary care including tests
5. Gather subtle, sensitive, and complicated information that may not be volunteered by the patient
6. Demonstrate empathy, compassion, and a commitment to relieve pain and suffering
Rotation: Women’s Health

Content Goals and Objectives

1. Demonstrate respectful and professional manner during sensitive physical exam maneuvers
2. Perform a routine pelvic and breast exam
3. Initiate workup for a new breast lump
4. Manage a patient at-risk for osteoporosis
5. Initiate workup for a patient with amenorrhea
6. Manage a patient with dysfunctional uterine bleeding
7. Initiate workup for polycystic ovarian syndrome.
8. Manage a patient with perimenopausal symptoms
9. Provide age-appropriate cancer screening (breast, cervical)

Process-Based Goals and Objectives

1. Perform an accurate physical exam
2. Develop prioritized differential diagnoses
3. Develop an evidence-based diagnostic and therapeutic plan
4. Recognize the scope of his/her abilities and ask for supervision and assistance appropriately
5. Minimize unnecessary care including tests
6. Gather subtle, sensitive, and complicated information that may not be volunteered by the patient
7. Integrate clinical evidence into decision making
8. Evaluate complex medical patient in a timely manner
9. Provide appropriate preventive care
10. Demonstrate empathy, compassion, and a commitment to relieve pain and suffering

Back to Table of Contents
Rotation: General Internal Medicine Wards PGY-1

**Content Goals and Objectives**

1. Initiate basal bolus insulin therapy and manage blood glucose over time
2. Manage elevated blood pressure
3. Diagnose the cause of loss of consciousness and differentiate syncope from other etiologies
4. Initiate antibiotic(s) for pneumonia
5. Initiate antibiotic(s) for skin and soft tissue infections
6. Initiate venous thromboembolism prophylaxis
7. Initiate cost effective workup of venous thromboembolism
8. Manage exacerbations of obstructive lung disease
9. Initiate CIWA protocol in patients at risk for alcohol withdrawal
10. Manage derangements of potassium
11. Identify causes of delirium
12. Initiate cost-effective workup for anemia
13. Initiate work-up of diabetic foot ulcer
14. Assess and treat pain
15. Initiate fall precaution orders in patients at risk for falls
16. Initiate workup and management of fever

**Process-Based Goals and Objectives**

1. Acquire accurate and relevant history
2. Perform an accurate physical exam
3. Develop prioritized differential diagnoses
4. Develop an evidence-based diagnostic and therapeutic plan
5. Demonstrate accurate medication reconciliation
6. Provide accurate, complete, and timely documentation
7. Identify the appropriate clinical question for consultative services
8. Identify clinical questions as they emerge in patient care activities and access medical information resources
9. Perform bedside presentations that engage the patient and focus the discussion around the patient’s central concerns
10. Minimize unfamiliar terms during patient encounters
11. Demonstrate shared decision-making with the patient
12. Use teach-back method with patients regarding medications and plan
13. Communicate with primary care physicians
14. Recognize the scope of his/her abilities and ask for supervision and assistance appropriately
15. Minimize unnecessary care including tests
16. Use feedback to improve performance
17. Demonstrate empathy, compassion, and a commitment to relieve pain and suffering

*Back to Table of Contents*
Rotation: General Internal Medicine Wards PGY 2-4

Content Goals and Objectives

1. Manage diabetic ketoacidosis
2. Manage extremes of blood pressure
3. Demonstrate a cost effective workup of loss of consciousness
4. Adjust type, dose, and duration of therapy for pneumonia based on clinical course
5. Differentiate deep-seated soft tissue infections versus superficial infections
6. Manage and escalate care in a patient with sepsis
7. Manage anticoagulation in a patient with suspected or known venous thromboembolism
8. Recognize and manage impending respiratory failure
9. Manage benzodiazepines in a patient with alcohol withdrawal
10. Manage derangements of sodium
11. Utilize pharmacologic and non-pharmacologic methods to manage delirium
12. Demonstrate appropriate use of blood products
13. Use an opioid conversion table to titrate pain management

Process-Based Goals and Objectives

1. Manage the interdisciplinary team.
2. Manage the interdisciplinary team
3. Demonstrate shared decision-making with the patient
4. Recognize the scope of his/her abilities and ask for supervision and assistance appropriately
5. Minimize unnecessary care including tests
6. Role model effective communication skills in challenging situations
7. Guide and support bedside presentations that engage the patient and focus the discussion around the patient’s central concerns
8. Gather subtle, sensitive, and complicated information that may not be volunteered by the patient
9. Modify the differential diagnosis and care plan based on clinical course and data as appropriate
10. Choose the appropriate consultative services for a given clinical condition
11. Integrate clinical evidence into decision making
12. Teach physical findings for junior members of the health care team
13. Stabilize patients with urgent or emergent medical conditions and transfer to a higher level of care when necessary
14. Use feedback to improve performance
15. Demonstrate empathy, compassion, and a commitment to relieve pain and suffering
Rotation: Hematology/Oncology Consults

Content Goals and Objectives

1. Determine cause of leukocytosis
2. Determine cause of anemia
3. Determine the causes of thrombocytopenia
4. Manage anticoagulation of venous thromboembolism in the cancer patient
5. Determine need for plasmapheresis in the setting of TTP.
6. Differentiate between various types of hemolytic anemia
7. Initiate diagnostic work-up for suspected Heparin Induced Thrombocytopenia.
8. Manage direct thrombin inhibitors for Heparin Induced Thrombocytopenia.
9. Initiate evaluation for acute chest syndrome in sickle cell anemia.
10. Adjust long-acting and/or short-acting narcotics in cancer and sickle cell patients.
11. Initiate work-up of spinal cord compression

Process-Based Goals and Objectives

1. Acquire accurate and relevant history.
2. Acquire accurate and relevant history
3. Perform an accurate physical exam
4. Develop prioritized differential diagnoses
5. Develop an evidence-based diagnostic and therapeutic plan
6. Provide accurate, complete, and timely documentation
7. Minimize unnecessary care including tests
8. Gather subtle, sensitive, and complicated information that may not be volunteered by the patient
9. Modify the differential diagnosis and care plan based on clinical course and data as appropriate
10. Integrate clinical evidence into decision making
11. Communicate effectively with the consulting team
12. Use feedback to improve performance
13. Demonstrate empathy, compassion, and a commitment to relieve pain and suffering
Rotation: Hematology/Oncology Outpatient

Content Goals and Objectives

1. Determine cause of anemia
2. Evaluate disorders of hemostasis
3. Evaluate myeloproliferative disorders, myeloma and/or MGUS
4. Manage the common complications chemotherapy and other cancer treatments
5. Order imaging and tissue studies to properly stage malignancies
6. Initiate end of life discussions with patients with incurable malignancies

Process-Based Goals and Objectives

1. Acquire accurate and relevant history
2. Perform an accurate physical exam
3. Develop prioritized differential diagnoses
4. Develop an evidence-based diagnostic and therapeutic plan
5. Provide accurate, complete, and timely documentation
6. Minimize unnecessary care including tests
7. Gather subtle, sensitive, and complicated information that may not be volunteered by the patient
8. Modify the differential diagnosis and care plan based on clinical course and data as appropriate
9. Integrate clinical evidence into decision making
10. Communicate effectively with the consulting team
11. Use feedback to improve performance
12. Demonstrate empathy, compassion, and a commitment to relieve pain and suffering
Rotation: Hematology/Oncology Ward PGY-1

Content Goals and Objectives

1. Diagnose neutropenic fever
2. Initiate antibiotic therapy for neutropenic fever
3. Initiate diagnostic testing for venous thromboembolism in the cancer patient
4. Manage hyperkalemia during tumor lysis syndrome
5. Initiate evaluation for acute chest syndrome in sickle cell disease
6. Adjust short and long acting narcotics for chronic pain
7. Initiate workup of non neutropenic fever.
8. Initiate antibiotics for pneumonia
9. Diagnose spinal cord compression
10. Refer patients for hospice and palliative care

Process-Based Goals and Objectives

1. Acquire accurate and relevant history
2. Perform an accurate physical exam
3. Develop prioritized differential diagnoses
4. Develop an evidence-based diagnostic and therapeutic plan
5. Demonstrate accurate medication reconciliation
6. Provide accurate, complete, and timely documentation
7. Identify the appropriate clinical question for consultative services
8. Identify clinical questions as they emerge in patient care activities and access medical information resources
9. Perform bedside presentations that engage the patient and focus the discussion around the patient’s central concerns
10. Minimize unfamiliar terms during patient encounters
11. Demonstrate shared decision-making with the patient
12. Use teach-back method with patients regarding medications and plan
13. Communicate with primary care physicians
14. Recognize the scope of his/her abilities and ask for supervision and assistance appropriately
15. Minimize unnecessary care including tests
16. Use feedback to improve performance
17. Demonstrate empathy, compassion, and a commitment to relieve pain and suffering
Rotation: Hematology/Oncology Ward PGY 2-4

Content Goals and Objectives

1. Initiate antibiotic therapy for neutropenic fever
2. Formulate antibiotic discharge planning for neutropenic fever.
4. Manage hyperuricemia during tumor lysis syndrome.
5. Manage acute chest syndrome in sickle cell patients.
6. Adjust short and long acting narcotics for chronic pain
7. Work-up spinal cord compression
8. Refer patients for hospice and palliative care
9. Manage end of life care family meeting.

Process-Based Goals and Objectives

1. Demonstrate shared decision-making with the patient
2. Recognize the scope of his/her abilities and ask for supervision and assistance appropriately
3. Minimize unnecessary care including tests
4. Use feedback to improve performance
5. Manage the interdisciplinary team
6. Role model effective communication skills in challenging situations
7. Guide and support bedside presentations that engage the patient and focus the discussion around the patient’s central concerns
8. Gather subtle, sensitive, and complicated information that may not be volunteered by the patient
9. Modify the differential diagnosis and care plan based on clinical course and data as appropriate
10. Choose the appropriate consultative services for a given clinical condition
11. Integrate clinical evidence into decision making
12. Teach physical findings for junior members of the health care team
13. Stabilize patients with urgent or emergent medical conditions and transfer to a higher level of care when necessary
14. Demonstrate empathy, compassion, and a commitment to relieve pain and suffering

Back to Table of Contents
Rotation: Infectious Disease Inpatient Consults

Content Goals and Objectives

1. Initiate workup of fever of unknown origin
2. Select antibiotic therapy and duration for organisms with antibiotic resistance
3. Manage endocarditis
4. Manage suspected meningitis
5. Select type, dose, and duration of antibiotic therapy for osteomyelitis
6. Select type, dose, and duration of antibiotic therapy for complicated urinary tract infections
7. Select type, dose, and duration of therapy for post-operative infections
9. Adjust type, dose, and duration of therapy for pneumonia based on historical risk factors and clinical course
10. Select antibiotics and duration of therapy for treatment of bacteremia.

Process-Based Goals and Objectives

1. Acquire accurate and relevant history
2. Perform an accurate physical exam
3. Develop prioritized differential diagnoses
4. Develop an evidence-based diagnostic and therapeutic plan
5. Provide accurate, complete, and timely documentation
6. Minimize unnecessary care including tests
7. Gather subtle, sensitive, and complicated information that may not be volunteered by the patient
8. Modify the differential diagnosis and care plan based on clinical course and data as appropriate
9. Integrate clinical evidence into decision making
10. Communicate effectively with the consulting team
11. Use feedback to improve performance
12. Demonstrate empathy, compassion, and a commitment to relieve pain and suffering

Back to Table of Contents
Rotation: Infectious Disease Outpatient Consults

Content Goals and Objectives

1. Perform a history and physical exam for patients with HIV
2. Select initial therapy for patients diagnosed with HIV
3. Identify and assess clinically significant drug interactions between antiretroviral medications and concomitant drug therapy.
4. Determine duration of treatment for osteomyelitis
5. Select type, dose, and duration of antibiotic therapy for skin and soft-tissue infections.
6. Initiate diagnostic testing in patients with suspected venereal diseases.
7. Determine screening for viral hepatitis.
8. Determine treatment for latent TB infection.

Process-Based Goals and Objectives

1. Perform an accurate physical exam
2. Develop prioritized differential diagnoses
3. Develop an evidence-based diagnostic and therapeutic plan
4. Recognize the scope of his/her abilities and ask for supervision and assistance appropriately
5. Minimize unnecessary care including tests
6. Gather subtle, sensitive, and complicated information that may not be volunteered by the patient
7. Integrate clinical evidence into decision making
8. Evaluate complex medical patient in a timely manner
9. Provide appropriate preventive care
10. Demonstrate empathy, compassion, and a commitment to relieve pain and suffering

Back to Table of Contents
Rotation: Nephrology Consults

Content Goals and Objectives

1. Initiate workup for acute renal failure
2. Manage hypokalemia and hyperkalemia
3. Initiate workup for disorders of sodium
4. Initiate management of hypertensive emergency
5. Initiate workup for acid base disturbances
6. Recommend acute dialysis for selected patients
7. Manage kidney disease for inpatients on other services

Process-Based Goals and Objectives

1. Acquire accurate and relevant history
2. Perform an accurate physical exam
3. Develop prioritized differential diagnoses
4. Develop an evidence-based diagnostic and therapeutic plan
5. Provide accurate, complete, and timely documentation
6. Minimize unnecessary care including tests
7. Gather subtle, sensitive, and complicated information that may not be volunteered by the patient
8. Modify the differential diagnosis and care plan based on clinical course and data as appropriate
9. Integrate clinical evidence into decision making
10. Communicate effectively with the consulting team
11. Use feedback to improve performance
12. Demonstrate empathy, compassion, and a commitment to relieve pain and suffering

Back to Table of Contents
Rotation: Nephrology Wards PGY-1

Content Goals and Objectives

1. Manage acute renal failure
2. Manage extremes of blood pressure
3. Manage hyperkalemia in the renal patient
4. Dose drugs appropriate to the level of renal function
5. Refer appropriate patients with acute and chronic renal failure for renal replacement therapy
6. Manage parathyroid abnormalities in the renal patient
7. Demonstrate appropriate use of blood products and EPO analogues in CKD and ESRD patients
8. Implement a diagnostic work-up for metabolic acidosis and alkalosis

Process-Based Goals and Objectives

1. Acquire accurate and relevant history
2. Perform an accurate physical exam
3. Develop prioritized differential diagnoses
4. Develop an evidence-based diagnostic and therapeutic plan
5. Demonstrate accurate medication reconciliation
6. Provide accurate, complete, and timely documentation
7. Identify the appropriate clinical question for consultative services
8. Identify clinical questions as they emerge in patient care activities and access medical information resources
9. Perform bedside presentations that engage the patient and focus the discussion around the patient’s central concerns
10. Minimize unfamiliar terms during patient encounters
11. Demonstrate shared decision-making with the patient
12. Use teach-back method with patients regarding medications and plan
13. Communicate with primary care physicians
14. Recognize the scope of his/her abilities and ask for supervision and assistance appropriately
15. Minimize unnecessary care including tests
16. Use feedback to improve performance
17. Demonstrate empathy, compassion, and a commitment to relieve pain and suffering
Rotation: Nephrology Wards PGY 2-4

Content Goals and Objectives

1. Manage acute renal failure
2. Manage extremes of blood pressure
3. Manage derangements of sodium
4. Dose drugs appropriate to the level of renal function
5. Manage a hospitalized immunosuppressed renal transplant patient
6. Refer patients with acute and chronic renal failure for renal replacement therapy
7. Manage parathyroid abnormalities in the renal patient
8. Demonstrate appropriate use of blood products and EPO analogues in CKD and ESRD population
9. Implement a diagnostic work-up for metabolic acidosis and alkalosis
10. Manage CKD patients in the peri-operative setting

Process-Based Goals and Objectives

1. Demonstrate shared decision-making with the patient
2. Recognize the scope of his/her abilities and ask for supervision and assistance appropriately
3. Minimize unnecessary care including tests
4. Use feedback to improve performance
5. Manage the interdisciplinary team
6. Role model effective communication skills in challenging situations
7. Guide and support bedside presentations that engage the patient and focus the discussion around the patient’s central concerns
8. Gather subtle, sensitive, and complicated information that may not be volunteered by the patient
9. Modify the differential diagnosis and care plan based on clinical course and data as appropriate
10. Choose the appropriate consultative services for a given clinical condition
11. Integrate clinical evidence into decision making
12. Teach physical findings for junior members of the health care team
13. Stabilize patients with urgent or emergent medical conditions and transfer to a higher level of care when necessary
14. Demonstrate empathy, compassion, and a commitment to relieve pain and suffering

Back to Table of Contents
Rotation: Pulmonary Advanced Critical Care

Content Goals and Objectives

1. Demonstrate proficiency in the placement of a central venous catheter
2. Demonstrate proficiency in the placement of an arterial line
3. Demonstrate proficiency in endotracheal intubation
4. Demonstrate appropriate use of ultrasound during invasive procedures.
5. Describe the benefits and limitations associated with different modes of mechanical ventilation
6. Make appropriate recommendations for adjustment of ventilator settings

Process-Based Goals and Objectives

1. Acquire accurate and relevant history
2. Perform an accurate physical exam
3. Develop prioritized differential diagnoses
4. Develop an evidence-based diagnostic and therapeutic plan
5. Provide accurate, complete, and timely documentation
6. Minimize unnecessary care including tests
7. Gather subtle, sensitive, and complicated information that may not be volunteered by the patient
8. Modify the differential diagnosis and care plan based on clinical course and data as appropriate
9. Integrate clinical evidence into decision making
10. Communicate effectively with the consulting team
11. Use feedback to improve performance
12. Demonstrate empathy, compassion, and a commitment to relieve pain and suffering

Back to Table of Contents
Rotation: Pulmonary Consults

Content Goals and Objectives

1. Interpret pulmonary function tests
2. Work-up lung nodule or mass
3. Differentiate a transudative from an exudative pleural effusion, correctly apply further testing and treatment based on this differentiation
4. Recommend bronchoscopy for various clinical scenarios
5. Utilize oximetry and arterial blood gas results to determine the need for supplemental oxygen therapy
6. Write a prescription for the appropriate amount of oxygen at rest, exertion, and sleep
7. Initiate the management of suspected interstitial lung disease
8. Refer for right heart catheterization when indicated
9. Recognize the risk factors and clinical signs/symptoms associated with sleep apnea.
10. Initiate diagnostic workup for hemothysis.

Process-Based Goals and Objectives

1. Acquire accurate and relevant history
2. Perform an accurate physical exam
3. Develop prioritized differential diagnoses
4. Develop an evidence-based diagnostic and therapeutic plan
5. Provide accurate, complete, and timely documentation
6. Minimize unnecessary care including tests
7. Gather subtle, sensitive, and complicated information that may not be volunteered by the patient
8. Modify the differential diagnosis and care plan based on clinical course and data as appropriate
9. Integrate clinical evidence into decision making
10. Communicate effectively with the consulting team
11. Use feedback to improve performance
12. Demonstrate empathy, compassion, and a commitment to relieve pain and suffering

Back to Table of Contents
Rotation: MICU PGY-1

Content Goals and Objectives

1. Implement the appropriate mode of ventilatory assistance for acute respiratory failure
2. Manage ventilator changes.
3. Use low tidal volume strategy where appropriate for ARDS.
4. Identify various sources and types of shock.
5. Deliver appropriate goal-directed therapy for severe sepsis.
6. Interpret chest x-rays for common lung disorders.
7. Perform central lines.
8. Perform thoracentesis.
10. Perform arterial lines.

Process-Based Goals and Objectives

1. Acquire accurate and relevant history
2. Perform an accurate physical exam
3. Develop prioritized differential diagnoses
4. Develop an evidence-based diagnostic and therapeutic plan
5. Demonstrate accurate medication reconciliation
6. Provide accurate, complete, and timely documentation
7. Identify the appropriate clinical question for consultative services
8. Identify clinical questions as they emerge in patient care activities and access medical information resources
9. Perform bedside presentations that engage the patient and focus the discussion around the patient’s central concerns
10. Minimize unfamiliar terms during patient encounters
11. Demonstrate shared decision-making with the patient
12. Use teach-back method with patients regarding medications and plan
13. Communicate with primary care physicians
14. Recognize the scope of his/her abilities and ask for supervision and assistance appropriately
15. Minimize unnecessary care including tests
16. Use feedback to improve performance
17. Demonstrate empathy, compassion, and a commitment to relieve pain and suffering

Back to Table of Contents
Rotation: MICU PGY 2-4

Content Goals and Objectives

1. Implement the appropriate mode of ventilatory assistance for acute respiratory failure
2. Manage ventilator changes
3. Use low tidal volume strategy where appropriate for ARDS.
4. Identify various sources and types of shock
5. Deliver appropriate goal-directed therapy for severe sepsis
6. Interpret chest x-rays for common lung disorders
7. Perform central lines
8. Perform thoracentesis
9. Perform intubation
10. Perform arterial lines

Process-Based Goals and Objectives

1. Demonstrate shared decision-making with the patient
2. Recognize the scope of his/her abilities and ask for supervision and assistance appropriately
3. Minimize unnecessary care including tests
4. Use feedback to improve performance
5. Manage the interdisciplinary team
6. Role model effective communication skills in challenging situations
7. Guide and support bedside presentations that engage the patient and focus the discussion around the patient’s central concerns
8. Gather subtle, sensitive, and complicated information that may not be volunteered by the patient
9. Modify the differential diagnosis and care plan based on clinical course and data as appropriate
10. Choose the appropriate consultative services for a given clinical condition
11. Integrate clinical evidence into decision making
12. Teach physical findings for junior members of the health care team
13. Stabilize patients with urgent or emergent medical conditions and transfer to a higher level of care when necessary
14. Demonstrate empathy, compassion, and a commitment to relieve pain and suffering

Back to Table of Contents
Rotation: Interventional Pulmonology

Content Goals and Objectives

1. Demonstrate pre-procedure evaluation for someone pending bronchoscopy
2. Perform work-up of suspected lung cancer/nodule
3. Identify bronchoscopy indications for patients
4. Interpret thoracentesis findings
5. Discuss therapeutic options for problems identified by interventional pulmonology

Process-Based Goals and Objectives

1. Develop an evidence-based diagnostic and therapeutic plan
2. Provide accurate, complete, and timely documentation
3. Minimize unnecessary care including tests
4. Communicate effectively with the consulting team
5. Use feedback to improve performance

Back to Table of Contents
Rotation: Pulmonary Outpatient

Content Goals and Objectives

1. Interpret pulmonary function tests
2. Refer patients for pulmonary rehabilitation
3. Discuss a 2nd line or 3rd line smoking cessation plan for a patient who failed 1st line therapy.
4. Initiate the basic workup for a patient with undifferentiated interstitial lung disease.
5. Provide first line therapy to a cystic fibrosis patient presenting with a new productive cough.
6. Manage a patient on chronic home oxygen therapy who presents with the complaint of dyspnea.

Process-Based Goals and Objectives

1. Perform an accurate physical exam
2. Develop prioritized differential diagnoses
3. Develop an evidence-based diagnostic and therapeutic plan
4. Recognize the scope of his/her abilities and ask for supervision and assistance appropriately
5. Minimize unnecessary care including tests
6. Gather subtle, sensitive, and complicated information that may not be volunteered by the patient
7. Integrate clinical evidence into decision making
8. Evaluate complex medical patient in a timely manner
9. Provide appropriate preventive care
10. Demonstrate empathy, compassion, and a commitment to relieve pain and suffering
Rotation: Allergy

Content Goals and Objectives

1. Manage individuals with asthma
2. Manage individuals with rhinitis
3. Determine the appropriate initial laboratory evaluation for a suspected immune deficiency
4. Refer patients for allergy skin testing
5. Evaluate individuals with urticaria/angioedema
6. Prescribe emergency treatment plan for a patient at risk for anaphylaxis

Process-Based Goals and Objectives

1. Perform an accurate physical exam
2. Develop prioritized differential diagnoses
3. Develop an evidence-based diagnostic and therapeutic plan
4. Recognize the scope of his/her abilities and ask for supervision and assistance appropriately
5. Minimize unnecessary care including tests
6. Gather subtle, sensitive, and complicated information that may not be volunteered by the patient
7. Integrate clinical evidence into decision making
8. Evaluate complex medical patient in a timely manner
9. Provide appropriate preventive care
10. Demonstrate empathy, compassion, and a commitment to relieve pain and suffering

Back to Table of Contents
Rotation: Rheumatology

Content Goals and Objectives

1. Take a rheumatologic history

Process-Based Goals and Objectives

1. Perform a musculoskeletal examination
2. Develop prioritized differential diagnoses
3. Integrate clinical evidence into decision making
Rotation: Anesthesia

Content Goals and Objectives

1. Perform preoperative evaluations
2. Attain IV access in a preoperative patient
3. Perform bag-mask ventilation
4. Intubate trachea
5. Chart the patient’s course through the perioperative period

Process-Based Goals and Objectives

1. Demonstrate shared decision-making with the patient
2. Recognize the scope of his/her abilities and ask for supervision and assistance appropriately
3. Minimize unnecessary care including tests
4. Use feedback to improve performance
5. Manage the interdisciplinary team
6. Role model effective communication skills in challenging situations
7. Guide and support bedside presentations that engage the patient and focus the discussion around the patient’s central concerns
8. Gather subtle, sensitive, and complicated information that may not be volunteered by the patient
9. Modify the differential diagnosis and care plan based on clinical course and data as appropriate
10. Choose the appropriate consultative services for a given clinical condition
11. Integrate clinical evidence into decision making
12. Teach physical findings for junior members of the health care team
13. Stabilize patients with urgent or emergent medical conditions and transfer to a higher level of care when necessary
14. Demonstrate empathy, compassion, and a commitment to relieve pain and suffering
Rotation: Emergency Department UH

Content Goals and Objectives

1. Develop initial treatment plan for patients with suspected infection
2. Develop initial treatment plan for patients with chest pain
3. Develop treatment plan for patients with shortness of breath
4. Obtain a history and physical exam in a timely manner
5. Manage multiple patients simultaneously
6. Triage patient to proper level of care
7. Communicate effectively with consultants

Process-Based Goals and Objectives

1. Acquire accurate and relevant history
2. Perform an accurate physical exam
3. Develop prioritized differential diagnoses
4. Develop an evidence-based diagnostic and therapeutic plan
5. Provide accurate, complete, and timely documentation
6. Minimize unnecessary care including tests
7. Gather subtle, sensitive, and complicated information that may not be volunteered by the patient
8. Modify the differential diagnosis and care plan based on clinical course and data as appropriate
9. Integrate clinical evidence into decision making
10. Communicate effectively with the consulting team
11. Use feedback to improve performance
12. Demonstrate empathy, compassion, and a commitment to relieve pain and suffering
Rotation: Emergency Department VA

Content Goals and Objectives

1. Develop initial treatment plan for patients with suspected infection
2. Develop initial treatment plan for patients with chest pain
3. Develop treatment plan for patients with shortness of breath
4. Obtain a history and physical exam in a timely manner
5. Manage multiple patients simultaneously
6. Triage patient to proper level of care
7. Communicate effectively with consultants

Process-Based Goals and Objectives

1. Acquire accurate and relevant history
2. Perform an accurate physical exam
3. Develop prioritized differential diagnoses
4. Develop an evidence-based diagnostic and therapeutic plan
5. Provide accurate, complete, and timely documentation
6. Minimize unnecessary care including tests
7. Gather subtle, sensitive, and complicated information that may not be volunteered by the patient
8. Modify the differential diagnosis and care plan based on clinical course and data as appropriate
9. Integrate clinical evidence into decision making
10. Communicate effectively with the consulting team
11. Use feedback to improve performance
12. Demonstrate empathy, compassion, and a commitment to relieve pain and suffering

Back to Table of Contents
Rotation: Neurology Consults

Content Goals and Objectives

1. Evaluate altered mental status
2. Perform a comprehensive neurological examination
3. Localize neurologic lesions
4. Order diagnostic testing for neurologic disease
5. Prescribe antiplatelet therapy for vascular disease
6. Prescribe medication for seizure disorder
7. Recognize acute stroke and activate stroke team

Process-Based Goals and Objectives

1. Acquire accurate and relevant history
2. Perform an accurate physical exam
3. Develop prioritized differential diagnoses
4. Develop an evidence-based diagnostic and therapeutic plan
5. Provide accurate, complete, and timely documentation
6. Minimize unnecessary care including tests
7. Gather subtle, sensitive, and complicated information that may not be volunteered by the patient
8. Modify the differential diagnosis and care plan based on clinical course and data as appropriate
9. Integrate clinical evidence into decision making
10. Communicate effectively with the consulting team
11. Use feedback to improve performance
12. Demonstrate empathy, compassion, and a commitment to relieve pain and suffering
Rotation: Neurology Wards

Content Goals and Objectives

1. Evaluate altered mental status
2. Perform a comprehensive neurological examination
3. Localize neurologic lesions
4. Order diagnostic testing for neurologic disease
5. Prescribe antiplatelet therapy for vascular disease
6. Prescribe medication for seizure disorder
7. Recognize acute stroke and begin initial management
8. Manage anticoagulation for patients with neurologic diseases

Process-Based Goals and Objectives

1. Acquire accurate and relevant history
2. Perform an accurate physical exam
3. Develop prioritized differential diagnoses
4. Develop an evidence-based diagnostic and therapeutic plan
5. Demonstrate accurate medication reconciliation
6. Provide accurate, complete, and timely documentation
7. Identify the appropriate clinical question for consultative services
8. Identify clinical questions as they emerge in patient care activities and access medical information resources
9. Perform bedside presentations that engage the patient and focus the discussion around the patient’s central concerns
10. Minimize unfamiliar terms during patient encounters
11. Demonstrate shared decision-making with the patient
12. Use teach-back method with patients regarding medications and plan
13. Communicate with primary care physicians
14. Recognize the scope of his/her abilities and ask for supervision and assistance appropriately
15. Minimize unnecessary care including tests
16. Use feedback to improve performance
17. Demonstrate empathy, compassion, and a commitment to relieve pain and suffering
Rotation: Psychiatry Consults

Content Goals and Objectives

1. Differentiate primary psychiatric disorders from delirium and other metabolic/organic derangements
2. Conduct a comprehensive psychiatric interview of a medically ill patient
3. Construct a comprehensive psychiatric treatment plan for a medically ill patient
4. Assess the specific intentions of the referring physician for any given request for psychiatric consultation
5. Communicate with the referring service about the psychiatric assessment both verbally and through concise, non-technically worded notes
6. Communicate with the referring service about the psychiatric assessment both verbally and through concise, non-technically worded notes
7. Undertake the psychotherapeutic treatment of at least one patient with a psycho-physiological illness

Process-Based Goals and Objectives

1. Acquire accurate and relevant history
2. Perform an accurate physical exam
3. Develop prioritized differential diagnoses
4. Develop an evidence-based diagnostic and therapeutic plan
5. Provide accurate, complete, and timely documentation
6. Minimize unnecessary care including tests
7. Gather subtle, sensitive, and complicated information that may not be volunteered by the patient
8. Modify the differential diagnosis and care plan based on clinical course and data as appropriate
9. Integrate clinical evidence into decision making
10. Communicate effectively with the consulting team
11. Use feedback to improve performance
12. Demonstrate empathy, compassion, and a commitment to relieve pain and suffering

Back to Table of Contents
Rotation: Research

Content Goals and Objectives

1. Develop a hypothesis driven research question
2. Develop a short research proposal
3. Choose the appropriate study design for a project
4. Demonstrate proper ethics in medical research
5. Interpret the results of a research project
6. Write a research abstract
7. Present a poster or PowerPoint presentation on research project
8. Recognize and manage conflicts of interest (such as caring for family members and professional associates as patients)
Rotation: Designer Elective

Content Goals and Objectives

1. Residents will create their own content based goals and objectives as part of designing the elective.

Process-Based Goals and Objectives

1. The process-based goals and objectives will vary according to the type of rotation created
<table>
<thead>
<tr>
<th>Overall Evaluation</th>
<th>Knowledge</th>
<th>Standard of work</th>
<th>Autonomy</th>
<th>Coping with complexity</th>
<th>Perception of context</th>
<th>Over the course of the rotation this resident:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Minimal knowledge without connecting it to practice</td>
<td>Unlikely to be satisfactory unless closely supervised</td>
<td>Needs close supervision or instruction</td>
<td>Little or no conception of dealing with complexity</td>
<td>Tends to see actions in isolation</td>
<td>Demonstrated no effort at improving performance</td>
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<tr>
<td></td>
<td>Working knowledge of key aspects of practice</td>
<td>Straightforward tasks likely to be completed to an acceptable standard</td>
<td>Able to achieve some steps using own judgment, but supervision needed for overall task</td>
<td>Appreciates complex situations but only able to achieve partial resolution</td>
<td>Sees actions as a series of steps</td>
<td>Demonstrated little effort at improving performance, but made little progress</td>
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<tr>
<td></td>
<td>Good working and background knowledge of area of practice</td>
<td>Able to complete more complex tasks, but may lack refinement</td>
<td>Able to achieve most tasks using own judgment</td>
<td>Copes with complex situations through deliberate analysis and planning</td>
<td>Sees actions at least partly in terms of longer-term goals</td>
<td>Demonstrated effort at improving performance, and made expected progress</td>
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<tr>
<td></td>
<td>Depth of understanding of discipline and area of practice</td>
<td>Fully acceptable standard achieved routinely</td>
<td>Able to take full responsibility for own work (and that of others where applicable)</td>
<td>Deals with complex situations holistically, decision-making more confident</td>
<td>Sees overall 'picture' and how individual actions fit within it</td>
<td>Demonstrated effort at improving performance, and made significant progress</td>
</tr>
<tr>
<td></td>
<td>Authoritative knowledge of discipline and deep tacit understanding across area of practice</td>
<td>Excellence achieved with relative ease</td>
<td>Able to take responsibility for going beyond existing standards and creating own interpretations</td>
<td>Holistic grasp of complex situations, moves between intuitive and analytical approaches with ease</td>
<td>Sees overall 'picture' and alternative approaches; vision of what may be possible</td>
<td></td>
</tr>
<tr>
<td>AREAS OF STRENGTH</td>
<td>-- please comment on areas of clinical strength -- use vignettes and stories to demonstrate your points (minimum 50 words)</td>
<td></td>
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</tr>
<tr>
<td>OPPORTUNITIES FOR IMPROVEMENT</td>
<td>-- please comment on opportunities for improvement -- use vignettes and stories to demonstrate your points. What is your action plan? (minimum 50 words)</td>
<td></td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

Back to Table of Contents
Multisource: Senior Residents by Residents and Students

Goals and Objectives

1. Provides regular feedback to other members of the team.
2. Perform bedside presentations that engage the patient and focus the discussion around the patient’s central concerns
3. Demonstrate shared decision-making with the patient
4. Demonstrate empathy, compassion, and a commitment to relieve pain and suffering
5. Role model effective communication skills in challenging situations
6. Demonstrate safe, accurate, and complete hand-offs.
7. Assist colleagues in the provision of duties.
8. Takes leadership role of teaching healthcare team
Multisource: Interns by Residents and Students

Goals and Objectives

1. Provides regular feedback to other members of the team.
2. Perform bedside presentations that engage the patient and focus the discussion around the patient’s central concerns.
3. Demonstrate shared decision-making with the patient.
4. Demonstrate empathy, compassion, and a commitment to relieve pain and suffering.
5. Demonstrate safe, accurate, and complete hand-offs.
6. Respond to pages in timely and courteous manner.
7. Assist colleagues in the provision of duties.
Multisource: Interns and Residents by Nurses by Allied Health Professionals

Goals and Objectives

1. Respond to pages in timely and courteous manner
2. Demonstrate empathy, compassion, and a commitment to relieve pain and suffering
3. Was this resident receptive to the unique information/learning/skills development that nurses have to offer?
4. Demonstrates respectful behavior to all members of the health care team.