

Hematology or Oncology Continuity Clinic

Learning Objectives

For Hematology:

Fellows will progressively learn to:

- 1) Demonstrate proficiency in ordering and interpreting tests of hemostasis and thrombosis for both congenital and acquired disorders and regulation of antithrombotic therapy.
- 2) Demonstrate knowledge and proficiency in the various principles of transfusion medicine and competence in apheresis procedures.
- 3) Demonstrate proficiency in management of patients with congenital and acquired disorders of hemostasis and thrombosis, including the use of coagulation factor replacement therapy and antithrombotic therapy.
- 4) Summarize specific prognostic factors (risk stratify) and make management decisions based on risk stratification.

For Oncology:

Fellows will progressively learn to:

- 1) Assess new patients with cancer and stage them appropriately.
 - a) Assess patient performance status and comorbidities for new patients and returning patients.
- 2) Formulate a management plan for clinic patients that conforms to patient preferences and goals of care.
- 3) Adjust management plan based on response, side effects, and long-term sequelae of treatment.
- 4) Write systemic therapy for clinic patients.

For BOTH Hematology and Oncology:

Fellows will progressively learn to:

- 1) Develop expanding knowledge.
- 2) Develop relationships with the attending physician, patients, families, and clinic staff in order to provide a safe and efficient environment for the clinic patients.
- 3) Adapt practice to specific population.
- 4) Reflect on practice and develop a learning plan.
- 5) Transition patients to appropriate specialties, such as palliative care, radiation oncology, and pain management when appropriate.
- 6) Communicate well with patients, families, teams, and through the medical record.

Patient Care 1: Accesses Data Sources to Synthesize Patient and Disease Specific Information Necessary for Clinical Assessment				
Level 1	Level 2	Level 3	Level 4	Level 5
<p>Accesses data and gathers a history standard for general internal medicine</p> <p>Performs a physical examination standard for general internal medicine</p>	<p>Gathers a disease-specific history, with assistance</p> <p>Performs a disease-specific physical examination, with assistance</p>	<p>Accesses data from multiple sources and collects disease-specific history, including psychosocial issues, from the patient and family members</p> <p>Completes a disease-specific physical examination</p>	<p>Consistently synthesizes data from multiple sources and collects a disease-specific history from the patient and family members</p> <p>Consistently completes a disease-specific physical examination</p>	<p>Role models gathering and synthesis of clinical information</p>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<p>Comments:</p> <p style="text-align: right;">Not Yet Completed Level 1 <input type="checkbox"/></p> <p style="text-align: right;">Not Yet Assessable <input type="checkbox"/></p>				

Patient Care 2: Diagnoses and Assigns Stage and Severity of Hematology and Oncology Disorders				
Level 1	Level 2	Level 3	Level 4	Level 5
Generates a differential diagnosis expected of a graduating internal medicine resident	Interprets initial diagnostic studies to generate a specialty-specific differential diagnosis	Orders advanced diagnostic studies for common disorders when appropriate	Diagnoses uncommon disorders and determines disease severity using evidence-based studies	Role models the assignments of stage and disease severity, informed by evidence-based studies and guidelines for specialty disorders
Orders testing without specialty-specific differential diagnosis	Determines stage of disorder	Determines clinical comorbidities		
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Comments:				
				Not Yet Completed Level 1 <input type="checkbox"/>
				Not Yet Assessable <input type="checkbox"/>

Patient Care 3: Formulates the Management Plan				
Level 1	Level 2	Level 3	Level 4	Level 5
Formulates a management plan for patients without comorbidities, with assistance	Formulates a management plan using decision-support tools for patients without comorbidities	Formulates a management plan with consideration of disease and patient factors and enrollment in clinical trials	Consistently formulates management plans that include consideration of clinical trial enrollment and conforms to patient preferences and goals of care	Serves as an expert in formulating management plans
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments:				
				Not Yet Completed Level 1 <input type="checkbox"/>
				Not Yet Assessable <input type="checkbox"/>

Patient Care 4: Adjusts Management Plans for Acute and Chronic Issues				
Level 1	Level 2	Level 3	Level 4	Level 5
Adjusts management plans according to standard guidelines and toxicities, with assistance	Adjusts management plans according to standard guidelines and toxicities	Adjusts management plans based on response to treatment, side effects of the treatment, and comorbidities	Adjusts management plans based on anticipation and recognition of subtle toxicities and long-term sequelae and/or changes in patient preferences and goals	Serves as an expert in developing and implementing pathways that influence management plans
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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(For Hematology) Medical Knowledge 1/2: Malignant and Non-Malignant Hematology (includes Pathophysiology, Diagnostics, Prognostic Information, and Treatment)				
Level 1	Level 2	Level 3	Level 4	Level 5
Demonstrates basic knowledge of specialty disorders	Demonstrates expanding knowledge of specialty disorders and development of clinical reasoning	Demonstrates sufficient knowledge of specialty disorders and clinical reasoning skills to determine evidence-based interventions	Synthesizes advanced knowledge of specialty disorders and uses clinical reasoning skills to develop personalized interventions	Serves as a subject matter expert
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(For Oncology) Medical Knowledge 3: Solid Tumor Oncology (includes Pathophysiology, Diagnostics, Prognostic Information, and Treatment)

Level 1	Level 2	Level 3	Level 4	Level 5
Demonstrates basic knowledge of specialty disorders	Demonstrates expanding knowledge of specialty disorders and development of clinical reasoning	Demonstrates sufficient knowledge of specialty disorders and clinical reasoning skills to determine evidence-based interventions	Synthesizes advanced knowledge of specialty disorders and uses clinical reasoning skills to develop personalized interventions	Serves as a subject matter expert
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comments:

Not Yet Completed Level 1
 Not Yet Assessable

Systems-Based Practice 3: System Navigation for Patient-Centered Care: Coordination and Transitions of Care

Level 1	Level 2	Level 3	Level 4	Level 5
Demonstrates knowledge of care coordination	Coordinates care of patients in routine clinical situations effectively using the roles of their interprofessional teams	Coordinates care of patients in complex clinical situations effectively using the roles of their interprofessional teams	Role models effective coordination of patient-centered care among different disciplines and specialties	Analyzes the process of care coordination and leads in the design and implementation of improvements
Identifies key elements for safe and effective transitions of care and hand-offs	Performs safe and effective transitions of care/hand-offs in routine clinical situations	Performs safe and effective transitions of care/hand-offs in complex clinical situations	Role models and advocates for safe and effective transitions of care/hand-offs within and across health care delivery systems, including outpatient settings	Improves quality of transitions of care within and across health care delivery systems to optimize patient outcomes
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comments:

Not Yet Completed Level 1

Systems-Based Practice 4: System Navigation for Patient-Centered Care: Population Health

Level 1	Level 2	Level 3	Level 4	Level 5
Demonstrates knowledge of population and community health care needs and disparities	Identifies specific population and community health care needs and disparities	Identifies local resources to meet community health care needs and disparities	Adapts practice to provide for the needs of specific populations	Leads innovations and advocates for populations and communities with health care disparities
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Systems-Based Practice 5: Physician Role in Health Care Systems

Level 1	Level 2	Level 3	Level 4	Level 5
Identifies basic financial barriers for individual patients and basic financial components of the health care system	Considers financial barriers and quality of care when ordering diagnostic or therapeutic interventions	Incorporates value (quality/costs) into shared decision making, with interprofessional team input	Manages financial factors that affect a patient's access to care and decision making	Role models and teaches patients and interprofessional team members to consider value when making diagnostic and therapeutic recommendations
Identifies key components of the complex health care system	Describes how components of a complex health care system are inter-related, and how this impacts ordering therapeutic interventions	Discusses how individual practice and the broader system affect each other	Manages various components of the complex health care system to provide efficient and effective patient care	Advocates for or leads systems change that enhances high-value, efficient, and effective patient care
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comments:

Not Yet Completed Level 1

Practice-Based Learning and Improvement 2: Reflective Practice and Commitment to Personal Growth

Level 1	Level 2	Level 3	Level 4	Level 5
Identifies gaps in knowledge and performance	Reflects on the factors which contribute to gaps between expectations and actual performance	Institutes changes to narrow the gaps between expectations and actual performance	Intentionally seeks performance data to narrow the gaps between expectations and actual performance	Role models reflective practice
Actively seeks opportunities to improve	Designs and implements a learning plan, with assistance	Independently creates and implements a learning plan	Measures the effectiveness of the learning plan and makes appropriate changes	Facilitates the design and implementation of learning plans for others
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comments:

Not Yet Completed Level 1

Professionalism 2: Accountability/Conscientiousness				
Level 1	Level 2	Level 3	Level 4	Level 5
Takes responsibility for failure to complete tasks	Performs tasks in a timely manner or provides notification when unable to complete tasks	Performs tasks in a timely manner with appropriate attention to detail in complex or stressful situations	Takes responsibility in situations that impact the ability of team members to complete tasks and responsibilities in a timely manner	Exceeds expectations for supporting team responsibilities
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Professionalism 3: Fellow Well-Being				
Level 1	Level 2	Level 3	Level 4	Level 5
Recognizes status of personal and professional well-being, with assistance	Independently recognizes status of personal and professional well-being	With assistance, proposes a plan to optimize personal and professional well-being	Independently develops a plan to optimize personal and professional well-being	Role models the continual ability to monitor and address personal and professional well-being Advocates for institutional changes to support well-being
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments: <div style="text-align: right;">Not Yet Completed Level 1 <input type="checkbox"/></div>				

Interpersonal and Communication Skills 1: Patient- and Family-Centered Communication

Level 1	Level 2	Level 3	Level 4	Level 5
Identifies common barriers to effective communication	Identifies complex barriers to effective communication	Reflects on personal biases while attempting to minimize communication barriers	Proactively improves communication by addressing barriers including patient and personal biases	Role models communication that addresses barriers
Recognizes the need to adjust communication strategies based on context	Verifies patient/family understanding of the clinical situation to optimize effective communication	With guidance, uses shared decision making to align patient/family values, goals, and preferences with treatment options to make a personalized care plan	Independently, uses shared decision making to make a personalized care plan	Role models shared decision making in patient/family communication, including those with a high degree of uncertainty/conflict
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Interpersonal and Communication Skills 3: Communication within Health Care Systems

Level 1	Level 2	Level 3	Level 4	Level 5
Accurately records information in the patient record	Demonstrates organized diagnostic and medical reasoning through notes in the patient record	Documentation reflects level of complexity and severity of disease	Documentation reflects medical reasoning, patient preferences, and management recommendations and plans	Role models optimal documentation
Safeguards patient personal health information in communications	Appropriately selects forms of communication based on context	Communication includes key stakeholders	Achieves written or verbal communication that is exemplary	Guides departmental or institutional communication policies
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Comments: <div style="text-align: right;">Not Yet Completed Level 1 <input type="checkbox"/></div>				