
INTERNAL MEDICINE CLERKSHIP**Competency Map 2021-2022**

- I. **Patient Care:** Provide patient-centered care that is compassionate, appropriate, and effective for the treatment of health problems and the promotion of health. Specifically, students must:

CMS Objective	Course Objective(s)	Learning Activity/ Content	Assessment Method(s)
1.1 Perform all medical, diagnostic, and surgical procedures considered essential for the area of practice. EPA: 10, 12	1. Perform medical and diagnostic procedures essential for the practice of internal medicine.	Ward Rounds Clinical Experience - Inpatient Patient Presentation - Learner	Clinical Documentation Review Clinical Performance Checklist Oral Patient Presentation
1.2 Gather essential and accurate information about patients and their conditions through history-taking, physical examination, and the use of laboratory data, imaging, and other tests. EPA: 1, 2, 4, 6, 10	2. Perform reliable history and physical examinations by gathering essential and accurate patient information in addition to the physical examination, interpreting laboratory data and other tests results.	Ward Rounds Clinical Experience - Inpatient Patient Presentation - Learner	Clinical Documentation Review Clinical Performance Checklist Oral Patient Presentation
1.3 Organize and prioritize responsibilities to provide care that is safe, effective, and efficient. EPA: 10, 11	3. Develop, organize and carry out patient management plans that are safe and effective.	Ward Rounds Clinical Experience - Inpatient Patient Presentation - Learner	Clinical Documentation Review Clinical Performance Checklist Oral Patient Presentation

1.4 Interpret laboratory data, imaging studies, and other tests required for the area of practice. EPA: 2, 3, 5, 10	2. Perform reliable history and physical examinations by gathering essential and accurate patient information in addition to the physical examination, interpreting laboratory data and other tests results.	Ward Rounds Clinical Experience - Inpatient Patient Presentation - Learner	Clinical Documentation Review Clinical Performance Checklist Oral Patient Presentation
1.5 Make informed decisions about diagnostic and therapeutic interventions based on patient information and preferences, up-to-date scientific evidence, and clinical judgment. EPA: 3, 4, 10	4. Demonstrate informed decision making using current technology to search for, evaluate and apply biomedical information and evidence in the care of patients.	Case-Based Instruction Discussion: Small Group	Narrative Assessment
1.6 Develop and carry out patient management plans. EPA: 4, 5, 10, 11	3. Develop, organize and carry out patient management plans that are safe and effective.	Ward Rounds Clinical Experience - Inpatient Patient Presentation - Learner	Clinical Documentation Review Clinical Performance Checklist Oral Patient Presentation
1.7 Counsel and educate patients and their families to empower them to participate in their care and enable shared decision making. EPA: 3, 11, 12	5. Demonstrate professionalism, collaborative practices, and communication skills with patients, families, peers and other healthcare professionals through effective listening and written practices that support a team approach for the promotion and maintenance of health and the education of patients and their families.	Clinical experience - Inpatient	Clinical Documentation Review Clinical Performance Checklist
1.8 Provide appropriate referral of patients including ensuring	N/A	N/A	N/A

continuity of care throughout transitions between providers or settings, and following up on patient progress and outcomes. EPA: 8			
1.9 Provide health care services to patients, families, and communities aimed at preventing health problems or maintaining health. EPA: 3	N/A	N/A	N/A
1.10 Provide appropriate role modeling. No Aligned EPA's	N/A	N/A	N/A
1.11 Perform supervisory responsibilities commensurate with one's roles, abilities, and qualifications. No Aligned EPA's	N/A	N/A	N/A

- II. **Knowledge for Practice:** Demonstrate knowledge of established and evolving biomedical, clinical, epidemiological and social-behavioral sciences, as well as the application of this knowledge to patient care. Specifically, students must:

CMS Objective	Course Objective(s)	Learning Activity/ Content	Assessment Method(s)
<p>2.1 Demonstrate an investigatory and analytic approach to clinical situations.</p> <p>EPA: 1, 3, 13</p>	<p>4. Demonstrate informed decision making using current technology to search for, evaluate and apply biomedical information and evidence in the care of patients.</p>	<p>Ward Rounds</p> <p>Clinical Experience - Inpatient</p> <p>Patient Presentation - Learner</p> <p>Simulation</p>	<p>Exam – Nationally Standardized, Internal Medicine</p> <p>Oral Patient Presentation</p> <p>Clinical Documentation Review</p> <p>Clinical Performance Checklist</p>
<p>2.2 Apply established and emerging bio-physical scientific principles fundamental to health care for patients and populations.</p> <p>EPA: 2</p>	<p>6. Describe the normal and abnormal bio-physical and clinical scientific principles underlying mechanisms and methods of diagnostic and therapeutic decision-making and clinical problem-solving of care in emergent and non-urgent internal medicine cases.</p>	<p>Ward Rounds</p> <p>Clinical Experience - Inpatient</p> <p>Patient Presentation - Learner</p>	<p>Exam – Nationally Standardized, Internal Medicine</p> <p>Oral Patient Presentation</p> <p>Clinical Documentation Review</p> <p>Clinical Performance Checklist</p>
<p>2.3 Apply established and emerging principles of clinical sciences to diagnostic and therapeutic decision-making, clinical problem-solving, and other aspects of evidence-based health care.</p> <p>EPA: 2, 7</p>	<p>6. Describe the normal and abnormal bio-physical and clinical scientific principles underlying mechanisms and methods of diagnostic and therapeutic decision-making and clinical problem-solving of care in emergent and non-urgent internal medicine cases.</p>	<p>Case-Based Instruction</p> <p>Discussion: Small Group</p>	<p>Narrative Assessment</p> <p>Exam – Nationally Standardized, Internal Medicine</p>

<p>2.4 Apply principles of epidemiological sciences to the identification of health problems, risk factors, treatment strategies, resources, and disease prevention/health promotion efforts for patients and populations.</p> <p>EPA: 2, 3, 7</p>	<p>7. Describe epidemiological and social-behavioral scientific principles underlying the identification of health problems, risk factors, preventative and health promotion strategies and cultural influences impacting patients and populations in emergent and non-urgent internal medicine cases.</p>	<p>Ward Rounds</p> <p>Clinical Experience - Inpatient</p> <p>Patient Presentation - Learner</p>	<p>Exam – Nationally Standardized, Internal Medicine</p> <p>Oral Patient Presentation</p> <p>Clinical Documentation Review</p> <p>Clinical Performance Checklist</p>
<p>2.5 Apply principles of social-behavioral sciences to provision of patient care, including assessment of the impact of psychosocial and cultural influences on health, disease, care-seeking, care compliance, and barriers to and attitudes toward care.</p> <p>No Aligned EPA's</p>	<p>7. Describe epidemiological and social-behavioral scientific principles underlying the identification of health problems, risk factors, preventative and health promotion strategies and cultural influences impacting patients and populations in emergent and non-urgent internal medicine cases.</p>	<p>Ward Rounds</p> <p>Clinical Experience - Inpatient</p> <p>Patient Presentation - Learner</p>	<p>Exam – Nationally Standardized, Internal Medicine</p> <p>Oral Patient Presentation</p> <p>Clinical Documentation Review</p> <p>Clinical Performance Checklist</p>
<p>2.6 Contribute to the creation, dissemination, application, or translation of new health care knowledge and practices.</p> <p>No Aligned EPA's</p>	N/A	N/A	N/A

III. **Practice-Based Learning and Improvement:** Demonstrate the ability to investigate and evaluate one's care of patients, to appraise and assimilate scientific evidence, and to continuously improve patient care based on constant self-evaluation and life-long learning. Specifically, students must:

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CMS Objective	Course Objective(s)	Learning Activity/ Content	Assessment Method(s)
3.1 Identify strengths, deficiencies, and limits in one's knowledge and expertise. EPA: 2, 4, 6, 7	8. Identify one's own strengths, limitations, biases, learning needs, and vulnerabilities to improve oneself and positively impact patient care through self-reflection and seeking feedback from others.	Reflection	Self-Assessment
3.2 Set learning and improvement goals. No Aligned EPA's	8. Identify one's own strengths, limitations, biases, learning needs, and vulnerabilities to improve oneself and positively impact patient care through self-reflection and seeking feedback from others.	Reflection	Self-Assessment
3.3 Identify and perform learning activities that address one's gaps in knowledge, skills, and/or attitudes. EPA: 7	8. Identify one's own strengths, limitations, biases, learning needs, and vulnerabilities to improve oneself and positively impact patient care through self-reflection and seeking feedback from others.	Reflection	Self-Assessment
3.4 Systematically analyze practice using quality improvement methods, and implement changes with the goal of practice improvement. EPA: 13	N/A	N/A	N/A
3.5 Incorporate feedback into daily practice. EPA: 8	8. Identify one's own strengths, limitations, biases, learning needs, and vulnerabilities to improve oneself and positively impact patient care through self-reflection and seeking feedback from others.	Reflection	Self-Assessment

3.6 Locate, appraise, and assimilate evidence from scientific studies related to patients' health problems. EPA: 7	4. Demonstrate informed decision making using current technology to search for, evaluate and apply biomedical information and evidence in the care of patients.	Case-Based Instruction Discussion: Small Group	Narrative Assessment
3.7 Use information technology to optimize learning. EPA: 4, 7, 8	4. Demonstrate informed decision making using current technology to search for, evaluate and apply biomedical information and evidence in the care of patients.	Case-Based Instruction Discussion: Small Group	Narrative Assessment
3.8 Participate in the education of patients, families, students, trainees, peers and other health professionals. No Aligned EPA's	5. Demonstrate professionalism, collaborative practices, and communication skills with patients, families, peers and other healthcare professionals through effective listening and written practices that support a team approach for the promotion and maintenance of health and the education of patients and their families.	Ward Rounds Clinical Experience - Inpatient Patient Presentation - Learner	Clinical Documentation Review Clinical Performance Checklist
3.9 Obtain and utilize information about individual patients, populations of patients, or communities from which patients are drawn to improve care. EPA: 3, 7	N/A	N/A	N/A
3.10 Continually identify, analyze, and implement new knowledge, guidelines,	N/A	N/A	N/A

standards, technologies, products, or services that have been demonstrated to improve outcomes. EPA: 13			
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IV. **Interpersonal and Communication Skills:** Demonstrate interpersonal and communication skills that result in the effective exchange of information and collaboration with patients, their families, and health professionals. Specifically, students must:

CMS Objective	Course Objective(s)	Learning Activity/ Content	Assessment Method(s)
4.1 Communicate effectively with patients, families, and the public, as appropriate, across a broad range of socioeconomic and cultural backgrounds. EPA: 1, 4, 5, 6, 11	5. Demonstrate professionalism, collaborative practices, and communication skills with patients, families, peers and other healthcare professionals through effective listening and written practices that support a team approach for the promotion and maintenance of health and the education of patients and their families.	Ward Rounds Clinical Experience - Inpatient Patient Presentation - Learner	Clinical Documentation Review Clinical Performance Checklist
4.2 Communicate effectively with colleagues within one's profession or specialty, other health professionals, and health related agencies. EPA: 2, 5, 6, 7, 8, 9, 10, 13	5. Demonstrate professionalism, collaborative practices, and communication skills with patients, families, peers and other healthcare professionals through effective listening and written practices that support a team approach for the promotion and maintenance of health and the education of patients and their families.	Clinical Experience - Inpatient Reflection	Clinical Documentation Review Clinical Performance Checklist Narrative Assessment
4.3 Work effectively with others as a member or leader	5. Demonstrate professionalism, collaborative practices, and communication skills with	Clinical Experience - Inpatient	Narrative Assessment

of a health care team or other professional group. EPA: 8, 9	patients, families, peers and other healthcare professionals through effective listening and written practices that support a team approach for the promotion and maintenance of health and the education of patients and their families.	Reflection	Clinical Documentation Review Clinical Performance Checklist
4.4 Act in a consultative role to other health professionals. No Aligned EPA's	N/A	N/A	N/A
4.5 Maintain comprehensive, timely, and legible medical records. EPA: 5, 11, 12	5. Demonstrate professionalism, collaborative practices, and communication skills with patients, families, peers and other healthcare professionals through effective listening and written practices that support a team approach for the promotion and maintenance of health and the education of patients and their families.	Ward Rounds Clinical Experience - Inpatient Patient Presentation - Learner	Clinical Documentation Review Clinical Performance Checklist
4.6 Demonstrate sensitivity, honesty, and compassion in difficult conversations, including those about death, end of life, adverse events, bad news, disclosure of errors, and other sensitive topics. EPA: 10, 12	5. Demonstrate professionalism, collaborative practices, and communication skills with patients, families, peers and other healthcare professionals through effective listening and written practices that support a team approach for the promotion and maintenance of health and the education of patients and their families. 9. Demonstrate insight, respect, honesty, compassion, integrity and ethical decision-making in patient care.	Clinical Experience - Inpatient	Clinical Documentation Review Clinical Performance Checklist

4.7 Demonstrate insight and understanding about emotions and human responses to emotions that allow one to develop and manage interpersonal interactions. EPA: 1, 9, 11	5. Demonstrate professionalism, collaborative practices, and communication skills with patients, families, peers and other healthcare professionals through effective listening and written practices that support a team approach for the promotion and maintenance of health and the education of patients and their families. 9. Demonstrate insight, respect, honesty, compassion, integrity and ethical decision-making in patient care.	Clinical Experience - Inpatient	Clinical Documentation Review Clinical Performance Checklist
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V. **Professionalism:** Demonstrate a commitment to carrying out professional responsibilities and an adherence to ethical principles. Specifically, students must:

CMS Objective	Course Objective(s)	Learning Activity/ Content	Assessment Method(s)
5.1 Demonstrate compassion, integrity, and respect for others. EPA: 1, 6, 9	9. Demonstrate insight, respect, honesty, compassion, integrity and ethical decision-making in patient care.	Clinical Experience - Inpatient	Clinical Documentation Review Clinical Performance Checklist
5.2 Demonstrate responsiveness to patient needs that supersedes self-interest. No Aligned EPA's	N/A	N/A	N/A

5.3 Demonstrate respect for patient privacy and autonomy. EPA: 1, 6, 8	N/A	N/A	N/A
5.4 Demonstrate accountability to patients, society, and the profession. EPA: 5, 13	N/A	N/A	N/A
5.5 Reflect on one's own values, culture, and beliefs and demonstrate sensitivity and responsiveness to a diverse patient population, including but not limited to diversity in gender, age, culture, race, religion, disabilities, and sexual orientation. EPA: 1	N/A	N/A	N/A
5.6 Demonstrate a commitment to ethical principles pertaining to provision or withholding of care, confidentiality, informed consent, and business practices, including compliance with relevant laws, policies, and regulations. EPA: 12	N/A	N/A	N/A

VI. **Systems-Based Practice:** Demonstrate an awareness of and responsiveness to the larger context and system of health care,

as well as the ability to call effectively on other resources in the system to provide optimal health care. Specifically, students must:

CMS Objective	Course Objective(s)	Learning Activity/ Content	Assessment Method(s)
6.1 Work effectively in various health care delivery settings and systems relevant to one's clinical specialty. EPA: 5	N/A	N/A	N/A
6.2 Coordinate patient care within the health care system relevant to one's clinical specialty. EPA: 9	N/A	N/A	N/A
6.3 Incorporate considerations of cost awareness and risk-benefit analysis in patient and/or population-based care. EPA: 3, 4, 11, 12	N/A	N/A	N/A
6.4 Advocate for quality patient care and optimal patient care systems. EPA: 13	N/A	N/A	N/A

6.5 Participate in identifying system errors and implementing potential systems solutions. EPA: 13	N/A	N/A	N/A
6.6 Perform administrative and practice management responsibilities commensurate with one's role, abilities, and qualifications. No Aligned EPA's	N/A	N/A	N/A

VII. **Interprofessional Collaboration:** Demonstrate the ability to engage in an interprofessional team in a manner that optimizes safe, effective patient- and population-centered care. Specifically, students must:

CMS Objective	Course Objective(s)	Learning Activity/ Content	Assessment Method(s)
7.1 Work with other health professionals to establish and maintain a climate of mutual respect, shared values, dignity, diversity, ethical integrity, and trust. IPEC Competency 1 (Values/Ethics) EPA: 9	5. Demonstrate professionalism, collaborative practices, and communication skills with patients, families, peers and other healthcare professionals through effective listening and written practices that support a team approach for the promotion and maintenance of health and the education of patients and their families. 9. Demonstrate insight, respect, honesty, compassion, integrity and ethical decision-making in patient care.	Clinical Experience - Inpatient Reflection	Clinical Documentation Review Clinical Performance Checklist Narrative Assessment

<p>7.2 Use the knowledge of one's own role and the roles of other health professionals to appropriately assess and address the health care needs and advance the health of the patients and populations served.</p> <p>IPEC Competency 2 (Roles/Responsibilities)</p> <p>EPA: 9</p>	<p>10. Identify one's own role on the team and how it relates to other members of the healthcare team to advance the health of patients and populations served.</p>	<p>Clinical Experience - Inpatient</p> <p>Reflection</p>	<p>Clinical Documentation Review</p> <p>Clinical Performance Checklist</p> <p>Narrative Assessment</p>
<p>7.3 Communicate with patients, families, communities and other health professionals in a responsive and responsible manner that supports a team approach to the maintenance of health and the treatment of disease in individual patients and populations.</p> <p>IPEC Competency 3 (Interprofessional Communication)</p> <p>EPA: 9</p>	<p>5. Demonstrate professionalism, collaborative practices, and communication skills with patients, families, peers and other healthcare professionals through effective listening and written practices that support a team approach for the promotion and maintenance of health and the education of patients and their families.</p>	<p>Ward Rounds</p> <p>Clinical Experience - Inpatient</p> <p>Patient Presentation - Learner</p>	<p>Clinical Documentation Review</p> <p>Clinical Performance Checklist</p>
<p>7.4 Participate in different team roles to establish, develop, and continuously enhance principles of team</p>	N/A	N/A	N/A

<p>dynamics within interprofessional teams to plan, deliver and evaluate patient- and population-centered care and population health programs and policies that are safe, timely, efficient, effective, and equitable.</p> <p>IPEC Competency 4 (Teams and Teamwork)</p> <p>No Aligned EPA's</p>			
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VIII. Personal and Professional Development: Demonstrate the qualities required to sustain lifelong personal and professional growth. Specifically, students must:

CMS Objective	Course Objective(s)	Learning Activity/ Content	Assessment Method(s)
<p>8.1 Develop the ability to use self-awareness of knowledge, skills, and emotional limitations to engage in appropriate help-seeking behaviors.</p> <p>EPA: 1-13</p>	<p>8. Identify one's own strengths, limitations, biases, learning needs, and vulnerabilities to improve oneself and positively impact patient care through self-reflection and seeking feedback from others.</p>	<p>Reflection</p>	<p>Self-Assessment</p>
<p>8.2 Demonstrate healthy coping mechanisms to respond to stress.</p> <p>No Aligned EPA's</p>	<p>N/A</p>	<p>N/A</p>	<p>N/A</p>

8.3 Manage conflict between personal and professional responsibilities. No Aligned EPA's	N/A	N/A	N/A
8.4 Practice flexibility and maturity in adjusting to change with the capacity to alter one's behavior. EPA: 6	N/A	N/A	N/A
8.5 Demonstrate trustworthiness that makes colleagues feel secure when one is responsible for the care of patients. EPA: 1-13	N/A	N/A	N/A
8.6 Provide leadership skills that enhance team functioning; the learning environment, and/or the health care delivery system. No Aligned EPA's	N/A	N/A	N/A
8.7 Demonstrate self-confidence that puts patients, families, and members of the health care team at ease.	N/A	N/A	N/A

EPA: 6, 11, 12			
8.8 Recognize that uncertainty is part of clinical health care and respond appropriately. EPA: 2	N/A	N/A	N/A