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#### **Milestones Supplemental Guide**

This document provides additional guidance and examples for the Consultation-Liaison Psychiatry Milestones. This is not designed to indicate any specific requirements for each level, but to provide insight into the thinking of the Milestone Work Group.

Included in this document is the intent of each Milestone and examples of what a Clinical Competency Committee (CCC) might expect to be observed/assessed at each level. Also included are suggested assessment models and tools for each subcompetency, references, and other useful information.

Review this guide with the CCC and faculty members. As the program develops a shared mental model of the Milestones, consider creating an individualized guide (Supplemental Guide Template available) with institution/program-specific examples, assessment tools used by the program, and curricular components.

Additional tools and references, including the Milestones Guidebook, Clinical Competency Committee Guidebook, and Milestones Guidebook for Residents and Fellows, are available on the Resources page of the Milestones section of the ACGME website.

#### **Additional Notes**

The ACGME does not expect formal, written evaluations of all milestones (each numbered item within a subcompetency table) every six months. For example, formal evaluations, documented observed encounters in inpatient and outpatient settings, and multisource evaluation should focus on those subcompetencies and milestones that are central to the resident's development during that time period.

Progress through the Milestones will vary from fellow to fellow, depending on a variety of factors, including prior experience, education, and capacity to learn. Fellows learn and demonstrate some skills in episodic or concentrated time periods (e.g., formal presentations, participation in quality improvement project, etc.). Milestones relevant to these activities can be evaluated at those times. For the purposes of evaluating a fellow's progress in achieving Patient Care and Medical Knowledge Milestones it is important that the evaluator(s) determine what the fellow knows and can do, separate from the skills and knowledge of the supervisor.

Implicit in milestone level evaluation of Patient Care and Medical Knowledge is the assumption that during the normal course of patient care activities and supervision, the evaluating faculty member and fellow participate in a clinical discussion of the patient's care. During these reviews the fellow should be prompted to present the fellow's clinical thinking and decisions regarding the patient. This may include evidence for a prioritized differential diagnosis, a diagnostic work-up, or initiation, maintenance, or modification of the treatment plan, etc. In offering independent ideas, the fellow demonstrates the capacity for clinical reasoning and its application to patient care in real time. As fellows progress, their knowledge and skills should grow, allowing them to assume more responsibility and handle cases of greater complexity. They are afforded greater autonomy—within the bounds of the ACGME supervisory guidelines—in caring for patients. At Levels 1 and 2 of the Milestones, a fellow's knowledge and independent clinical reasoning will meet the needs of patients with lower acuity, complexity, and level of risk, whereas, at Level 4, fellows are expected to independently demonstrate knowledge and reasoning skills in caring for patients of higher acuity, complexity, and risk. Thus, one would expect fellows achieving Level 4 milestones to be at an oversight level of supervision. It is important that fellows ask for, listen to, and process the advice they receive from supervisors, consult the literature, and incorporate this supervisory input and evidence into their thinking.

Patient Care 1: Consultative Patient Care: clarifying the question, gathering data and collateral information, interviewing the patient, and suggesting appropriate diagnostic and treatment options and communicating them effectively to the primary service  Overall Intent: To provide effective psychiatric consultation	
Milestones	Examples
<b>Level 1</b> Performs straightforward consultations, with guidance	Answers a consult question: "Is this patient depressed?"
<b>Level 2</b> Manages routine and urgent consultations in inpatient and outpatient settings	<ul> <li>Evaluates a patient for capacity to leave against medical advice</li> <li>Evaluates patient on the trauma surgery service for acute stress disorder</li> </ul>
<b>Level 3</b> Manages a broad range of routine and urgent consultation requests, including identification of unrecognized psychiatric issues	<ul> <li>Identifies unrecognized suicidal ideation during a consultation requested for assessment of anxiety</li> <li>Identifies unrecognized needle phobia in a patient referred for anxiety and non-adherence</li> </ul>
Level 4 Independently manages complicated and challenging consultations	<ul> <li>Provides consultation for a patient with a personality disorder who has threatened and sexually harassed nursing staff members</li> <li>Provides urgent consultation regarding suitability for liver transplant in a young patient who overdosed on acetaminophen</li> <li>Provides consultation for a delirious patient with severe alcohol use disorder and alcoholic cirrhosis who may have delirium tremens, hepatic encephalopathy, or both</li> <li>Examples of complicated and challenging include transplant, bariatric, reproductive psychiatry</li> </ul>
<b>Level 5</b> Effectively runs a consultation-liaison inpatient consult service or outpatient clinic and supervises and serves as a role model for other learners	<ul> <li>Leads consult rounds, supervising students and residents without need for attending intervention</li> <li>Initiates and runs a case conference for a nonpsychiatric service</li> </ul>
Assessment Models or Tools	Direct observation     Multisource feedback
Curriculum Mapping	
Notes or Resources	<ul> <li>Levenson JL. American Psychiatric Publishing Textbook of Psychosomatic Medicine and Consultation-Liaison Psychiatry. 3rd ed. Washington, D.C.: American Psychiatric Publishing, Inc.; 2019. ISBN:978-1615371365.</li> </ul>

Patient Care 2: Collaborative Patient Care in Multidisciplinary Settings: performing, coordinating, and supervising inpatient or outpatient care, including liaison and educational roles	
Overall Intent: To collaborate effectively with other providers in the provision of multidisciplinary care	
Milestones	Examples
	NOTE: All examples are for a consultation for a patient with a history of panic disorder who is not currently in psychiatric treatment, and each example builds on the previous one.
<b>Level 1</b> Provides basic psychiatric assessment and treatment recommendations	<ul> <li>Evaluates the patient, inquires about DSM-5 symptoms, eliminates relevant differential diagnoses, identifies the panic recurrence, and recommends an appropriate medication; relates this clearly to the consulting team</li> </ul>
Level 2 Provides a complete psychiatric assessment and recommendations to multidisciplinary medical treatment teams	<ul> <li>Because the patient has overlapping symptoms due to chronic obstructive pulmonary disease (COPD), considers the medical complications when recommending a treatment, (e.g., avoiding a benzodiazepine and relying on cognitive behavioral therapy (CBT)), and works with the team to assure the treatment is implemented properly</li> </ul>
<b>Level 3</b> Provides comprehensive assessment, treatment plan, and integrated care for patients through collaboration with other providers	<ul> <li>When the patient is in the intensive care unit (ICU) with pulmonary failure and intubated, gathers relevant information from the various teams and works with them to choose medications (e.g., a sedating antidepressant) and feasible behavioral techniques that will not interfere with the medical treatment</li> </ul>
Level 4 Provides effective care, guidance, and education in a multidisciplinary medical treatment team, including managing complex dynamics affecting the patient and treatment team	When the patient has a borderline personality disorder and complains continuously throughout the hospitalization, meets with the treatment team to discuss the patient's pathology in clear terms and works with the team to create clearer boundaries and develop a more appropriate treatment plan
<b>Level 5</b> Leads the biopsychosocial component of a multidisciplinary medical treatment team	Trains staff members in practical behavioral treatments as an alternative to medications for the above patient's anxiety and insomnia
Assessment Models or Tools	Direct observation     Multisource feedback
Curriculum Mapping	
Notes or Resources	• Levenson JL. American Psychiatric Publishing Textbook of Psychosomatic Medicine and Consultation-Liaison Psychiatry. 3rd ed. Washington, D.C.: American Psychiatric Publishing, Inc.; 2019. ISBN:978-1615371365.

Patient Care 3: Digital Health	
<b>Overall Intent:</b> To use technology in consultation-liaison patient care settings to facilitate communication, documentation, and direct patient care	
Milestones	Examples
Level 1 Identifies clinical cases that can be effectively and safely managed through a telehealth visit	Follows a patient identified as low risk for self-harm and stable on medications and offers continued follow-up care by telehealth
Documents basic patient information in the electronic health record (EHR)	Correctly navigates electronic health record (EHR) to document and code intake of new patient seen on hospital consult service
Level 2 Performs comprehensive telehealth assessment using approved technology	<ul> <li>Consistently performs accurate new and follow-up straightforward patient assessments by telephone/video</li> </ul>
Utilizes EHR to manage patient's health care information	Correctly navigates EHR to document and codes intake of new patient in both inpatient and outpatient settings; updates basic health care information such as drug allergies
<b>Level 3</b> Integrates telehealth efficiently into clinical practice for assessment and treatment of straightforward cases	• Follows a patient with Parkinson disease and psychosis, ensuring visits are arranged with patient's spouse present given patient's cognitive impairment
Effectively utilizes EHR to manage patients' health care information and to communicate with other providers	Uses EHR system to clearly communicate to other providers about a patient's high risk for suicide/self-harm
Level 4 Integrates telehealth efficiently into clinical practice for the assessment and treatment of complex cases	Identifies the need for a video visit over with a patient on high-dose antipsychotics to assess for side effects such as tardive dyskinesia and akathisia
Teaches others EHR use	<ul> <li>Orients new learners on service on how to populate templates, complete billing/coding, and close/complete consults in the EHR</li> <li>Performs psychosocial evaluation of living donor candidate who lives in another state, has limited social support, and history of post-traumatic stress disorder with questionable history of treatment and functional stability</li> </ul>
<b>Level 5</b> Develops and innovates new ways to use emerging communication technologies	Contributes to development or improvement of an application for video or other remote patient care
Assessment Models or Tools	Direct observation     Medical record (chart) audit     Multisource feedback

Curriculum Mapping	
Notes or Resources	Graziane JA, Gopalan P, Cahalane J. Telepsychiatry consultation for medical and
	surgical inpatient units. <i>Psychosomatics</i> . 2018;59:62-66.
	https://pubmed.ncbi.nlm.nih.gov/28918164/.
	Hilty DM, Sunderji N, Suo S, et al. Telepsychiatry and other technologies for integrated
	care: Evidence base, best practice models, and competencies. Int Rev Psychiatry.
	2018;30:292-309. <a href="https://pubmed.ncbi.nlm.nih.gov/30821540/">https://pubmed.ncbi.nlm.nih.gov/30821540/</a> .

Medical Knowledge 1: Knowledge regarding Psychiatric Disorders in the Medically III: assessment and management of major psychiatric disorders, substance use disorders, somatic symptom disorders, and psychological factors affecting medical conditions Overall Intent: To be knowledgeable about psychiatric disorders seen in consultative settings including specific assessment and management considerations **Milestones Examples** • Uses an objective scale for identification of alcohol withdrawal symptoms (based on blood Level 1 Demonstrates basic knowledge regarding common psychiatric illnesses and pressure, pulse, diaphoresis, etc.) in a patient with medicine-seeking behaviors admitted their treatments in the medically ill for detoxification Appropriately requests electrocardiogram (EKG) and monitors corrected QT interval (QTc) in patients that require pro re nata (PRN, i.e., as needed) antipsychotics for management of agitation related to delirium • When consulted for "altered mental status" in geriatric patient with dementia, diagnoses Level 2 Demonstrates basic knowledge regarding epidemiology, etiology, comorbid delirium and recommends appropriate work-up and interventions phenomenology, prognosis, and treatment of • When consulted for "low mood" in patient with newly diagnosed human immunodeficiency common psychiatric illnesses in the medically ill. virus (HIV), correctly identifies adjustment disorder and recommends bedside including common adverse effects and drugpsychotherapy, PRN medications for sleep, and consults with chaplain per patient request drug interactions Level 3 Demonstrates comprehensive • When consulted for "mania" in patient with cancer with no past psychiatric history recently knowledge regarding the assessment and started on high-dose steroids, identifies steroid-induced mood disorder, recommends management of psychiatric illnesses in the scheduled psychotropics, and discusses with primary team medication-related side medically ill, including detailed knowledge of effects adverse effects and drug-drug interactions • Identifies medications that can contribute to prolonged QTc aside from antipsychotics • Recommends Clozapine Risk Evaluation and Mitigation Strategy (Clozapine REMS) monitoring protocol for patient with baseline mild neutropenia planning to start on clozapine • Performs capacity assessment of a patient with schizophrenia and baseline mild paranoia who requires a pacemaker • When consulted for "depression" in a minimally responsive patient, identifies catatonia, **Level 4** Demonstrates comprehensive knowledge regarding the assessment and uses objective rating scale for assessment, and correctly identifies contributing factors management of complex/atypical psychiatric and treatment illnesses in the medically ill, including advanced • Recommends a comprehensive workup for patient with suspected anti-NMDA receptor knowledge in specific medical populations (e.g., encephalitis cancer, transplant, obstetrics and gynecology) Identifies new literature on the treatment of delirium and uses this to educate staff Level 5 Develops, synthesizes, or presents new knowledge regarding psychiatric illnesses and members and recommends additional treatment options for these cases their treatments in the medically ill • Publishes a comprehensive literature review or clinical study pertaining to management of a psychiatric disorder in medically ill patients and suggests additional research

Assessment Models or Tools	Case-based discussion
	Direct observation
	Multisource feedback
Curriculum Mapping	
Notes or Resources	• Levenson JL. American Psychiatric Publishing Textbook of Psychosomatic Medicine and
	Consultation-Liaison Psychiatry. 3rd ed. Washington, D.C.: American Psychiatric
	Publishing, Inc.; 2019. ISBN:978-1615371365.

## Medical Knowledge 2: Knowledge regarding Psychiatric Manifestations of Medical Illnesses: assessment and management of physical and psychological reactions to medical illness and its treatment Overall Intent: To be knowledgeable about psychiatric manifestations and consequences of medical illness or medical treatment seen in

consultative settings, including specific assessment and management considerations	
Milestones	Examples
Level 1 Demonstrates basic knowledge regarding common psychiatric effects or consequences of medical illnesses and their treatments	<ul> <li>Identifies common psychological reactions to medical illness in the hospital</li> <li>Identifies symptoms of adjustment disorder and major depressive disorder in hospitalized patient</li> </ul>
Level 2 Demonstrates basic knowledge regarding the presentation and treatment of psychiatric effects or consequences caused by medical illnesses and their treatments	<ul> <li>Accurately identifies steroid psychosis as a cause of mental status change in a patient</li> <li>Initiates an appropriate initial work-up for the patient with altered mental status</li> </ul>
Level 3 Demonstrates comprehensive knowledge regarding the assessment and management of psychiatric effects or consequences caused by medical illnesses and their treatments	<ul> <li>Understands range of psychological presentations of thyroid and adrenal dysfunction</li> <li>Uses bedside psychotherapy effectively to support a patient in acute distress</li> </ul>
Level 4 Demonstrates comprehensive knowledge regarding the assessment and management of complex/atypical psychiatric effects or consequences caused by medical illnesses and their treatments	<ul> <li>Identifies acute onset psychiatric symptoms as possible organic dysfunction, such as encephalitis</li> <li>Appropriately works-up and treats mental status changes following liver transplant</li> </ul>
<b>Level 5</b> Develops, synthesizes, or presents new knowledge regarding psychiatric effects or consequences caused by medical illnesses and their treatments	<ul> <li>Publishes new synthesis or research regarding psychiatric consequences of a medical condition or treatment</li> <li>Organizes educational events regarding management of psychological disorders in specific subgroups of medical patients</li> </ul>
Assessment Models or Tools	<ul> <li>Case-based assessment</li> <li>Direct observation</li> <li>Multisource feedback</li> </ul>
Curriculum Mapping	•
Notes or Resources	<ul> <li>Levenson JL. American Psychiatric Publishing Textbook of Psychosomatic Medicine and Consultation-Liaison Psychiatry. 3rd ed. Washington, D.C.: American Psychiatric Publishing, Inc.; 2019. ISBN:978-1615371365.</li> </ul>

#### Systems-Based Practice 1: Patient Safety and Quality Improvement Overall Intent: To analyze patient safety events, appropriately disclose patient safety events, and participate in quality improvement **Examples Milestones** Level 1 Demonstrates knowledge of common • Recognizes mortality, morbidity, adverse events, and near misses as reportable events patient safety events and the institutional • Identifies institutional mechanisms for reporting patient safety events reporting system Demonstrates knowledge of basic quality • Recognizes when to use standardized screening tools for patient care improvement methodologies and metrics **Level 2** *Identifies and reports patient safety* • Identifies hand-off and data reporting deficiencies that could lead to errors in patient care events • Describes a hospital quality improvement initiative Describes local quality improvement initiatives **Level 3** Participates in analysis of patient safety • Meaningfully participates in a root cause analysis of an adverse outcome events (simulated or actual) Participates in local quality improvement • Participates in a morbidity and mortality conference initiatives Level 4 Offers strategies (simulated or actual) to • Presents a morbidity and mortality (M and M) conference prevent patient safety events • Designs and conducts a quality improvement project based on identified care gaps and Demonstrates the skills required to identify, develop, implement, and analyze a quality needs improvement project Level 5 Actively engages and leads teams and • Participates in a department- or hospital-level committee and provides specialty expertise processes to prevent patient safety events regarding safety and quality issues related to psychiatric conditions and issues Creates, implements, and assesses quality • Develops and implements an institution-wide quality improvement initiative to improve improvement initiatives at the institutional or care and management of psychiatric conditions or issues community level Assessment Models or Tools Assessment of case presentation Assessment of M and M presentation Direct observation Quality improvement project Simulation **Curriculum Mapping**

Notes or Resources	American Board of Psychiatry and Neurology, Inc. (ABPN). Patient Safety Activity.
	https://www.abpn.com/maintain-certification/moc-activity-requirements/patient-safety-activity/. Accessed 2021.
	Institute for Healthcare Improvement. Open School.
	http://www.ihi.org/education/ihiopenschool/Pages/default.aspx. Accessed 2021.
	US Department of Veterans Affairs (the VA). Patient Safety Curriculum Workshop.
	https://www.patientsafety.va.gov/professionals/training/curriculum.asp. Accessed 2021.

Systems-Based Practice 2: System Navigation for Patient-Centered Care  Overall Intent: To effectively navigate the health care system, including the interdisciplinary team and other care providers, to adapt care to		
a specific patient population to ensure high-quality patient outcomes; to coordinate patient care, safely transition care, and appropriately adapt care to meet community needs		
Milestones	Examples	
Level 1 Demonstrates knowledge of care coordination	Describes the roles of members of the interprofessional team	
Identifies key elements for safe and effective transitions of care and hand-offs	Lists the essential components of an effective transitions of care including sharing necessary information	
Identifies community health needs and disparity issues	Is aware that social determinants of health impact patient care	
<b>Level 2</b> Coordinates care of patients in routine clinical situations effectively using the roles of the interprofessional teams	Contacts interprofessional team members for routine cases and with supervision as needed, ensures all necessary referrals, testing, and care transitions	
Performs safe and effective transitions of care/hand-offs in routine clinical situations	Performs a routine case sign-out, and with supervision as needed identifies and triages cases or calls	
Demonstrates general knowledge of population and community health needs and disparities	Understands that there are underserved groups in the local community who are not be receiving equitable health care	
<b>Level 3</b> Coordinates care of patients in complex clinical situations effectively using the roles of their interprofessional teams	<ul> <li>Effectively coordinates care for a patient and consults with community resources such as an assertive community treatment (ACT) team</li> <li>Contacts primary provider to discuss patient's non-adherence</li> </ul>	
Performs safe and effective transitions of care/hand-offs in complex clinical situations	Performs safe and effective transitions of care from the medical floor for an agitated patient after a polydrug overdose to the inpatient psychiatric floor	
Uses local resources effectively to meet the needs of a patient population and community	Identifies appropriate substance use rehabilitation programs for a particular patient	
Level 4 Leads and efficiently coordinates patient-centered care among different disciplines and specialties	<ul> <li>Organizes care planning meeting between inpatient team members, outpatient primary care provider, and mental health clinic representatives</li> <li>Coordinates care for a high-risk diagnosis to ensure the patient gets appropriate follow-up</li> </ul>	
discipilites and specialites	- Coordinates care for a high-risk diagnosis to ensure the patient gets appropriate follow-up	
Resolves conflicts in transitions of care between teams	Mediates conflict between inpatient medical team and inpatient psychiatry regarding which service the patient should be on	

Participates in changing and adapting practice to provide for the needs of specific populations	Gives team feedback on appropriate gender language as desired by patient
Level 5 Analyzes the process of care coordination and leads in the design and implementation of improvements	Takes a leadership role in designing and implementing changes to improve care coordination
Improves quality of transitions of care within and across health care delivery systems to optimize patient outcomes	Identifies and implements better hand-off tools for on-call services
Leads innovations and advocates for populations and communities with health care inequities	Identifies that Latinx men are less likely to be screened for depression and develops a program to improve screening
Assessment Models or Tools	<ul> <li>Direct observation</li> <li>Medical record (chart) audit</li> <li>Multisource feedback</li> <li>Review of sign-out tools, use and review of checklists</li> </ul>
Curriculum Mapping	
Notes or Resources	<ul> <li>American Psychiatric Association (APA). APA Community Programs.         https://www.psychiatry.org/psychiatrists/cultural-competency/engagement-opportunities/apa-community-programs.     </li> <li>Accessed 2021.</li> <li>Centers for Disease Control and Prevention. Population Health Training.         https://www.cdc.gov/pophealthtraining/whatis.html.         Accessed 2021.     </li> <li>Institute of Medicine, Board on Health Sciences Policy, Committee on Understanding and Eliminating Racial and Ethnic Disparities in Health Care, et al. <i>Unequal Treatment: Confronting Racial and Ethnic Disparities in Health Care</i>. 1st ed. Washington, DC:         National Academy Press; 2003. <a href="https://www.nap.edu/catalog/12875/unequal-treatment-confronting-racial-and-ethnic-disparities-in-health-care">https://www.nap.edu/catalog/12875/unequal-treatment-confronting-racial-and-ethnic-disparities-in-health-care</a>.</li> </ul> <li>Metzl JM, Hansen H. Structural competency: Theorizing a new medical engagement with stigma and inequality. <i>Soc Sci Med</i>. 2014;103:126-133.         <ul> <li>https://www.sciencedirect.com/science/article/pii/S0277953613003778?via%3Dihub</li> </ul> </li> <li>Skochelak SE, Hawkins RE, Lawson LE, Starr SR, Borkan JM, Gonzalo JD. <i>AMA Education Consortium: Health Systems Science</i>. 1st ed. Philadelphia, PA: Elsevier; 2016. ISBN:978-0323461160.</li>

value, efficient, and effective patient care and

transition of care

#### Systems-Based Practice 3: Physician Role in Health Care Systems Overall Intent: To identify components of the health care system, to promote health care advocacy, and to transition to independent practice **Examples Milestones** • Recognizes the role of key facets of the health care system such as insurance Level 1 Identifies key components of the companies, hospitals, clinics, and the government complex health care system Describes practice models and basic mental Understands the basic differences between private insurance, Medicaid, Medicare, and health payment systems VA eligibility Identifies clinically relevant legal and ethical • Identifies the state recognized mechanism for involuntary medical care issues in medical settings Level 2 Describes how components of a • Understands the process for insurance company reviews, denials, and approvals complex health care system are interrelated, and how this impacts patient care • Raises concern about an insurance company not covering outpatient mental health Identifies barriers to care in different health care services for a hospitalized patient systems • Consults risk management for advice regarding patient who is refusing treatment Applies basic knowledge of clinically relevant legal and ethical issues in medical settings Level 3 Discusses how individual practice • Raises concern about unnecessary tests for a patient and how they increase costs for affects the broader system that patient and others • Presents several medication options to a patient, agrees on choice of medication with the Engages with patients in shared decision making and advocates for appropriate care and patient, and communicates the rationale to the third-party payor parity Applies comprehensive knowledge of clinically • Presents challenging consultation case to hospital ethics committee relevant legal and ethical issues in medical settinas Level 4 Manages various components of the • Effectively coordinates interdisciplinary meeting to ensure optimal care for a complex health care system to provide highdisadvantaged patient

Advocates for patient care needs, including mobilizing community resources	Mediates disputes between providers and adult protective services in the care of a complex patient
Applies comprehensive knowledge of clinically	Effectively presents testimony for legal probate court hearing
relevant legal and ethical issues in challenging situations in medical settings	
<b>Level 5</b> Advocates for or leads systems change that enhances high-value, efficient, and effective patient care and transition of care	Works with community or professional organizations to advocate for smoking cessation programs to be embedded in psychiatric services
Participates in advocacy activities for access to care in mental health and reimbursement	<ul> <li>Works with the state psychiatric society legislative committee on issues related to step therapy and access</li> <li>Advocates for the medical and psychiatric needs of the homeless</li> </ul>
	Advocates for the medical and psychiatric fleeds of the nomeless
Functions as leader or expert in institutional ethical or legal processes	Leads a root cause analysis of a patient who committed suicide in a medical unit
Assessment Models or Tools	Direct observation
	Multisource feedback
	Review of committee service
	Review of leadership roles
	Self-evaluation
	Simulation
Curriculum Mapping	
Notes or Resources	LeMelle S, CLemmey, P, Ranz J. Systems-Based Practice Curriculum for Psychiatry Residents. American Association of Directors of Psychiatric Residency Training (AADPRT).
	https://portal.aadprt.org/public/vto/categories/Virtual%20Classroom/Model%20Curricula% 20%20AADPRT%20Peer-
	Reviewed/Systems%20Based%20Practice/57febe5a885bc SBP%20Curriculum.pdf. Accessed 2021.
	ABPN. Improvement in Medical Practice (PIP). <a href="https://www.abpn.com/maintain-">https://www.abpn.com/maintain-</a>
	certification/moc-activity-requirements/improvement-in-medical-practice-pip/. Accessed 2021.
	APA. Quality Improvement. <a href="https://www.psychiatry.org/psychiatrists/practice/quality-">https://www.psychiatry.org/psychiatrists/practice/quality-</a>
	improvement. Accessed 2021.
	APA. Resident Guide to Surviving Psychiatric Training. <a href="https://www.psychiatry.org/File%20Library/Residents-MedicalStudents/Residents/Guide-">https://www.psychiatry.org/File%20Library/Residents-MedicalStudents/Residents/Guide-</a>

<u>Surviving-Psychiatric-Training/Resident-Guide-Surviving-Psychiatric-Training.pdf.</u> Accessed 2021.

Note: Requires a login and password.

- APA. Transition to Practice and Early Career Resources. https://www.psychiatry.org/psychiatrists/practice/transition-to-practice. Accessed 2021.
- Institute of Medicine, Board on Health Sciences Policy, Committee on Understanding and Eliminating Racial and Ethnic Disparities in Health Care, et al. *Unequal Treatment:* Confronting Racial and Ethnic Disparities in Health Care. 1st ed. Washington, DC: National Academy Press; 2003. <a href="https://www.nap.edu/catalog/12875/unequal-treatment-confronting-racial-and-ethnic-disparities-in-health-care">https://www.nap.edu/catalog/12875/unequal-treatment-confronting-racial-and-ethnic-disparities-in-health-care</a>.
- National Association of State Mental Health Program Directors (NASMHPD). National Framework for Quality Improvement in Behavioral Health Care.
   <a href="https://nasmhpd.org/sites/default/files/SAMHSA%20Quality%20Improvement%20Initiative\_">https://nasmhpd.org/sites/default/files/SAMHSA%20Quality%20Improvement%20Initiative\_">https://nasmhpd.org/sites/default/files/SAMHSA%20Quality%20Improvement%20Initiative\_">https://nasmhpd.org/sites/default/files/SAMHSA%20Quality%20Improvement%20Initiative\_">https://nasmhpd.org/sites/default/files/SAMHSA%20Quality%20Improvement%20Initiative\_">https://nasmhpd.org/sites/default/files/SAMHSA%20Quality%20Improvement%20Initiative\_">https://nasmhpd.org/sites/default/files/SAMHSA%20Quality%20Improvement%20Initiative\_">https://nasmhpd.org/sites/default/files/SAMHSA%20Quality%20Improvement%20Initiative\_">https://nasmhpd.org/sites/default/files/SAMHSA%20Quality%20Improvement%20Initiative\_">https://nasmhpd.org/sites/default/files/SAMHSA%20Quality%20Improvement%20Initiative\_">https://nasmhpd.org/sites/default/files/SAMHSA%20Quality%20Improvement%20Initiative\_">https://nasmhpd.org/sites/default/files/SAMHSA%20Quality%20Improvement%20Initiative\_">https://nasmhpd.org/sites/default/files/SAMHSA%20Quality%20Improvement%20Initiative\_">https://nasmhpd.org/sites/default/files/SAMHSA%20Quality%20Improvement%20Initiative\_">https://nasmhpd.org/sites/default/files/SAMHSA%20Quality%20Improvement%20Initiative\_">https://nasmhpd.org/sites/default/files/SAMHSA%20Quality%20Improvement%20Initiative\_">https://nasmhpd.org/sites/default/files/SAMHSA%20Quality%20Improvement%20Initiative\_">https://nasmhpd.org/sites/default/files/SAMHSA%20Quality%20Improvement%20Initiative\_"</a>
- Oldham JM, Golden WE, Rosof BM. Quality improvement in psychiatry: Why measures matter. *J Psychiatr Pract*. 2008;14 Suppl 2:8-17. <a href="https://pubmed.ncbi.nlm.nih.gov/18677195/">https://pubmed.ncbi.nlm.nih.gov/18677195/</a>.
- Sequist TD. Addressing Racial Disparities in Health Care: A Targeted Action Plan for Academic Medical Centers. Association of American Medical Colleges; 2009.

Practice-Based Learning and Improvement 1: Evidence-Based and Informed Practice  Overall Intent: To appraise and apply evidence-based best practices	
Milestones	Examples
Level 1 Demonstrates how to access and summarize available evidence for routine conditions	Identifies the clinical problem and obtains the appropriate evidence-based guideline for the clinical scenario
<b>Level 2</b> Articulates clinical questions and initiates literature searches to provide evidence-based care	Performs a PubMed search to determine best approach for treatment of a routine consultation question
<b>Level 3</b> Locates and applies the best available evidence to the care of patients applying a hierarchy of evidence	Selects the best evidence-supported treatment option for complex consultation question
Level 4 Critically appraises and applies evidence even in the face of uncertainty and conflicting evidence to guide care, tailored to the individual patient	Selects the best evidence-supported treatment option in the face of limited or conflicting studies
Level 5 Coaches others to critically appraise and apply evidence for complex patients, and/or participates in the development of evidence- based guidelines and other scholarly works	Formally teaches others how to find and apply best practice guidelines and evidence-supported treatment approaches
Assessment Models or Tools	<ul> <li>Assessment of case presentation</li> <li>Case review</li> <li>Direct observation</li> <li>Learning portfolio</li> <li>Written examination</li> </ul>
Curriculum Mapping	
Notes or Resources	<ul> <li>APA. Clinical Practice Guidelines.         https://www.psychiatry.org/psychiatrists/practice/clinical-practice-guidelines     </li> <li>Drake RE, Goldman HH, Leff HS, et al. Implementing evidence-based practices in routine mental health service settings. <i>Psychiatr Serv.</i> 2001;52(2):179-182.         https://ps.psychiatryonline.org/doi/full/10.1176/appi.ps.52.2.179     </li> <li>Guyatt G, Rennie D, Meade MO, Cook DJ. <i>Users' Guides to the Medical Literature: A Manual for Evidence-Based Clinical Practice</i>. 3rd ed. New York, NY: McGraw Hill; 2015. https://jamaevidence.mhmedical.com/book.aspx?bookId=847.</li> </ul>

US Department of Veterans Affairs. VA-DOD Clinical Practice Guidelines. <a href="https://www.healthquality.va.gov/">https://www.healthquality.va.gov/</a> . Accessed 2021.
US National Library of Medicine. PubMed Online Training.
https://www.nlm.nih.gov/bsd/disted/pubmedtutorial/cover.html. Accessed 2021.

#### Practice-Based Learning and Improvement 2: Reflective Practice and Commitment to Personal Growth Overall Intent: To know how to seek performance data, to conduct reflective practice, and to create and use a learning plan **Milestones Examples** • Articulates an individualized professional improvement goal **Level 1** *Identifies gap(s) between expectations* and actual performance Establishes goals for personal and professional Identifies an area of weakness in medical knowledge that affects the ability to care for development patients • Begins to seek ways to determine where improvements are needed and makes some specific goals that are reasonable to execute and achieve **Level 2** Analyzes and reflects on the factors • Identifies areas for improvement in knowledge base and clinical skills that contribute to gap(s) between expectations • Independently studies to improve own knowledge base about consultation-liaison and actual performance psychiatry Identifies opportunities for performance • Uses feedback with a goal of improving communication skills with peers/colleagues, staff improvement; designs a learning plan members, and patients the following week Accepts and incorporates feedback Level 3 Demonstrates improvement in clinical • Proactively pursues improvement in own clinical skills practice based on continual self-assessment Accepts input from peers/colleagues and supervisors to gain complex insight into Integrates practice data and feedback with humility to implement a learning plan personal strengths and areas to improve • Discusses with supervisor feedback regarding communication skills in the consultation Level 4 Continuously reflects on remaining • Consistently identifies ongoing gaps and independently creates an individualized learning gaps and institutes behavioral adjustments to plan • Anticipates problems and develops appropriate planning and prioritization narrow them Uses performance data to measure the Develops strategies for attaining a sophisticated level of consultation-liaison practice effectiveness of the learning plan and adapts when necessary Level 5 Coaches/mentors others on reflective • Consistently assists others in developing strategies for self-improvement and learning and teaches others on reflective practice practice Coaches/mentors others in the design and • Contributes to developing new tools and approaches for self-improvement implementation of learning plans

Assessment Models or Tools	<ul> <li>Direct observation</li> <li>Learning portfolio</li> <li>Multisource feedback</li> <li>Review of learning plan</li> </ul>
Curriculum Mapping	•
Notes or Resources	<ul> <li>Burke AE, Benson B, Englander R, Carraccio C, Hicks PJ. Domain of competence: Practice-based learning and improvement. <i>Acad Pediatr</i>. 2014;14(2 Suppl):S38-S54. <a href="https://www.academicpedsinl.net/article/S1876-2859(13)00333-1/fulltext">https://www.academicpedsinl.net/article/S1876-2859(13)00333-1/fulltext</a>.</li> <li>Hojat M, Veloski JJ, Gonnella JS. Measurement and correlates of physicians' lifelong learning. <i>Acad Med</i>. 2009;84(8):1066-74. <a href="https://insights.ovid.com/crossref?an=00001888-200908000-00021">https://insights.ovid.com/crossref?an=00001888-200908000-00021</a>.</li> <li>Lockspeiser TM, Schmitter PA, Lane JL, Hanson JL, Rosenberg AA, Park YS. Assessing residents' written learning goals and goal writing skill: Validity evidence for the learning goal scoring rubric. <i>Acad Med</i>. 2013;88(10):1558-1563. <a href="https://insights.ovid.com/article/00001888-201310000-00039">https://insights.ovid.com/article/00001888-201310000-00039</a>.</li> </ul>

Professionalism 1: Professional Behavior and Ethical Principles  Overall Intent: To recognize and address lapses in ethical and professional behavior, demonstrates ethical and professional behaviors, and		
use appropriate resources for managing ethical and professional dilemmas		
Milestones	Examples	
Level 1 Demonstrates professional behavior in routine situations and knows how to report professionalism lapses	Respectfully introduces self and explains reason for consultation to patient and primary support members	
Demonstrates knowledge of ethical principles underlying shared decision making and patient confidentiality	Demonstrates basic knowledge about who (e.g., program director, chair, designated institutional official, GME Office representative) to approach regarding professionalism concerns	
	Discusses basic principles underlying ethics (autonomy, beneficence, justice, non-maleficence) and how they apply to shared decision making and patient confidentiality	
<b>Level 2</b> Demonstrates professional behavior in stressful situations	Maintains professional demeanor when interacting with upset patients, primary support members, or staff members	
Seeks help in managing and resolving complex ethical situations	<ul> <li>Seeks attending consultation-liaison physician input when there are disagreements regarding patient capacity</li> <li>Encourages discussion among treatment team members when there are differences in opinion about patient care plans</li> </ul>	
Level 3 Demonstrates insight into personal triggers for professionalism lapses; develops mitigation strategies	Appropriately seeks case consultation from colleagues and attendings when feeling impressions and recommendations are being disputed by primary treatment team members or the patient's family members	
Analyzes straightforward situations using ethical principles	Considers adding an ethics consultation in cases involving significant disagreement about patient care plans	
	<ul> <li>Applies core ethical principles (autonomy, beneficence, justice, non-maleficence) when performing capacity consults</li> </ul>	
<b>Level 4</b> Recognizes and intervenes in complex situations to prevent professionalism lapses in oneself and others	Facilitates discussion among the patient, the patient's family members, and the treatment team when there are differences in opinion about patient care	
Recognizes and uses appropriate resources for managing and resolving ethical dilemmas (e.g.,	Obtains ethics consultation in cases involving significant disagreement among treatment teams and/or family members about patient care plans	
ethics consultations, literature review)	Organizes multidisciplinary treatment team meetings when there is a need to reach consensus about patient care plans	

Level 5 Coaches/mentors others when their behavior fails to meet professional expectations  Identifies and seeks to address system-level factors that induce or exacerbate ethical problems or impede their resolution	<ul> <li>Provides education and feedback to learners when they demonstrate unprofessional behaviors</li> <li>Role models professional behavior towards patients, family members, and staff members for learners when providing psychiatric consultation</li> <li>Serves as a peer consultant on difficult professionalism and ethical issues or participates in hospital or system-level committees aimed at improving processes for informed consent, do not resuscitate (DNR)/do not intubate (DNI) orders</li> </ul>
Assessment Models or Tools	<ul> <li>Direct observation</li> <li>Multisource feedback</li> <li>Simulation</li> </ul>
Curriculum Mapping	
Notes or Resources	<ul> <li>ABIM Foundation. American Board of Internal Medicine. Medical professionalism in the new millennium: A physician charter. Annals of Internal Medicine. 2002;136(3):243-246. https://annals.org/aim/fullarticle/474090/medical-professionalism-new-millennium-physician-charter.</li> <li>American Medical Association (AMA). Ethics. https://www.ama-assn.org/delivering-care/ethics. Accessed 2021.</li> <li>American Osteopathic Association (AOA). Code of Ethics. https://osteopathic.org/about/leadership/aoa-governance-documents/code-of-ethics/. Accessed 2021.</li> <li>APA. The Principles of Medical Ethics: With Annotations Especially Applicable to Psychiatry. Arlington, VA: American Psychiatric Publishing; 2013. https://www.psychiatry.org/File%20Library/Psychiatrists/Practice/Ethics/principles-medical-ethics.pdf.</li> <li>APA. Ethics. https://www.psychiatry.org/psychiatrists/practice/ethics. Accessed 2021.</li> <li>Bynny RL, Paauw DS, Papadakis MA, Pfeil S. Medical Professionalism Best Practices: Professionalism in the Modern Era. Aurora, CO: Alpha Omega Alpha Medical Society; 2017. Medical Professionalism Best Practices: Professionalism in the Modern Era. Aurora, CO: Alpha Omega Alpha Medical Society; 2017. http://alphaomegaalpha.org/pdfs/Monograph2018.pdf.</li> <li>Cruess RL, Cruess SR, Steiner Y. Teaching Medical Professionalism: Supporting the Development of a Professional Identity. 2nd ed. Cambridge, UK: Cambridge University Press. ISBN:978-1107495241.</li> </ul>

- Gabbard GO, Roberts LW, Crisp-Han H, Ball V, Hobday G, Rachal F. *Professionalism in Psychiatry*. Arlington, VA: American Psychiatric Publishing; 2012. ISBN:978-1-58562-337-2.
- Levinson W, Ginsburg S, Hafferty FW, Lucey CR. *Understanding Medical Professionalism*. 1st ed. New York, NY: McGraw-Hill Education; 2014. ISBN:978-0071807432.
- The two Professionalism subcompetencies reflect the following overall values: fellows must demonstrate a commitment to carrying out professional responsibilities and adherence to ethical principles, and develop and acquire a professional identity consistent with their personal values, the specialty, and the practice of medicine. Fellows are expected to demonstrate compassion, integrity, and respect for others; sensitivity to diverse populations; responsibility for patient care that supersedes self-interest; and accountability to patients, society, and the profession.
- Diversity refers to unique aspects of each individual patient, including gender, age, socioeconomic status, culture, race, religion, disabilities, and sexual orientation.
- For milestones regarding health disparities, please see Systems-Based Practice 2.

Professionalism 2: Accountability/Conscientiousness  Overall Intent: To take responsibility for one's own actions and the impact on patients and other members of the health care team	
Milestones	Examples
Level 1 Takes responsibility to complete tasks and recognizes limits in one's own knowledge/skills and seeks help	<ul> <li>Sees patients for initial consultations and follow-ups as assigned with minimal need for reminders</li> <li>Enlists assistance from consultation-liaison attending physician when the complexity of a patient's case exceeds one's knowledge or clinical skill level</li> </ul>
<b>Level 2</b> Performs tasks and responsibilities in a timely manner with appropriate attention to detail in routine situations	<ul> <li>Assesses patients promptly and provides clear verbal and written communication to primary treatment teams regarding impressions and recommendations</li> <li>Reviews medical records and tests pertinent to a patient's case, compiles all necessary information without prompting to do so</li> </ul>
<b>Level 3</b> Performs tasks and responsibilities in a timely manner with appropriate attention to detail in complex or stressful situations	<ul> <li>Promptly evaluates patients demonstrating significant agitation or other disruptive behaviors (e.g., threats, arguments, AMA requests)</li> <li>Obtains collateral information from patient, staff members, and others in a time-sensitive manner to assist treatment teams in resolution of disagreements among patient, family members, and staff members</li> </ul>
<b>Level 4</b> Recognizes when others are unable to complete tasks and responsibilities in a timely manner and assists in problem solving	<ul> <li>Organizes a multidisciplinary meeting to develop unified care plan and behavioral contract for a disruptive patient</li> <li>Meets with patient and patient's family to help address concerns; facilitates communication when there is conflict with primary team members regarding care or discharge plans</li> </ul>
<b>Level 5</b> Develops systems to enhance others' ability to efficiently complete patient-care tasks and responsibilities	<ul> <li>Establishes proactive consultation service to provide early patient identification and intervention measures</li> <li>Participates in multidisciplinary committees aimed at facilitating improvements in patient care and education</li> </ul>
Assessment Models or Tools	<ul> <li>Compliance with deadlines, timelines, and documentation</li> <li>Direct observation</li> <li>Multisource feedback</li> <li>Simulation</li> </ul>
Curriculum Mapping	•
Notes or Resources	<ul> <li>Code of conduct from fellow/resident institutional manual</li> <li>Expectations of residency program regarding accountability and professionalism</li> </ul>

Professionalism 3: Well-Being Overall Intent: To continually manage and improve the physician's own personal and professional well-being	
Examples	
Level 1 Identifies elements of well-being and describes risk factors for burnout and signs and symptoms of burnout and depression in oneself or others	Demonstrates awareness of the importance of personal well-being along with the risk of burnout and depression
<b>Level 2</b> With assistance, recognizes status of well-being and risk factors for maladaptation in oneself or others	Demonstrates awareness of the stressors (e.g., difficult patients, job demands, relationship difficulties) that contribute to maladaptive behaviors and burnout
Level 3 Independently recognizes status of well-being in oneself or others and reports concerns to appropriate personnel	Independently recognizes the signs of burnout or depression in staff members, colleagues, and learners; seeks guidance for how to provide support and resources
Level 4 Develops and implements a plan to improve well-being of oneself or others, including use of institutional or external resources	<ul> <li>Recognizes presence of nursing strain related to lengthy hospitalization of a complicated patient and arranges for debriefing/support meetings with assistance from nursing director</li> </ul>
<b>Level 5</b> Recommends and facilitates system changes to promote well-being in a practice or institution	Partners with hospital leadership to develop programming to support staff well-being and address burnout
Assessment Models or Tools	<ul> <li>Direct observation</li> <li>Institutional online training modules</li> <li>Participation in institutional or community well-being programs</li> </ul>
Curriculum Mapping	•
Notes or Resources	<ul> <li>Association of American Medical Colleges (AAMC). Transition to Residency.         <a href="https://www.aamc.org/what-we-do/mission-areas/medical-education/transition-to-residency">https://www.aamc.org/what-we-do/mission-areas/medical-education/transition-to-residency</a>. Accessed 2021.</li> <li>AAMC. Well-Being in Academic Medicine. <a href="https://www.aamc.org/initiatives/462280/well-being-academic-medicine.html">https://www.aamc.org/initiatives/462280/well-being-academic-medicine.html</a>. Accessed 2021.</li> <li>ACGME. Tools and Resources. <a href="https://dl.acgme.org/pages/well-being-tools-resources">https://dl.acgme.org/pages/well-being-tools-resources</a>. Accessed 2022.</li> <li>AMA. AMA STEPS Forward: Transform Your Practice. <a href="https://edhub.ama-assn.org/steps-forward/pages/about">https://edhub.ama-assn.org/steps-forward/pages/about</a>. Accessed 2021.</li> <li>APA. Well-being and Burnout. <a href="https://www.psychiatry.org/psychiatrists/practice/well-being-and-burnout">https://www.psychiatry.org/psychiatrists/practice/well-being-and-burnout</a>. Accessed 2021.</li> </ul>

- Chaukos D, Chad-Friedman E, Mehta DH, et al. SMART-R: A prospective cohort study of a resilience curriculum for residents by residents. *Acad Psychiatry*. 2018;42(1):78-83. <a href="https://link.springer.com/article/10.1007%2Fs40596-017-0808-z">https://link.springer.com/article/10.1007%2Fs40596-017-0808-z</a>.
- Hicks PJ, Schumacher D, Guralnick S, Carraccio C, Burke AE. Domain of competence: Personal and professional development. *Acad Pediatr*. 2014;14(2 Suppl):S80-97. https://www.academicpedsjnl.net/article/S1876-2859(13)00332-X/fulltext.
- Local resources, including Employee Assistance Plans (EAP)
- Magudia K, Bick A, Cohen J. et al. Childbearing and family leave policies for resident physicians at top training institutions. *JAMA*. 2018;320(22):2372-2374. https://jamanetwork.com/journals/jama/fullarticle/2718057.
- National Academy of Medicine. Action Collaborative on Clinician Well-Being and Resilience. <a href="https://nam.edu/initiatives/clinician-resilience-and-well-being/">https://nam.edu/initiatives/clinician-resilience-and-well-being/</a>. Accessed 2021.
- Professional behavior refers to the global comportment of the felow in carrying out clinical and professional responsibilities. This includes:
  - o timeliness (e.g., reports for duty, answers pages, and completes work assignments on time);
  - o maintaining professional appearance and attire;
  - o being reliable, responsible, and trustworthy (e.g., knows and fulfills assignments without needing reminders);
  - being respectful and courteous (e.g., listens to the ideas of others, is not hostile or disruptive, maintains measured emotional responses and equanimity despite stressful circumstances);
  - o maintaining professional boundaries; and,
  - o understanding that the role of a physician involves professionalism and consistency of one's behaviors, both on and off duty.
- These descriptors and examples are not intended to represent all elements of professional behavior. Fellows are expected to demonstrate responsibility for patient care that supersedes self-interest. It is important that fellows recognize the inherent conflicts and competing values involved in balancing dedication to patient care with attention to the interests of their own well-being and responsibilities to their families and others. Balancing these interests while maintaining an overriding commitment to patient care requires, for example, ensuring excellent transitions of care, sign-out, and continuity of care for each patient during times that the resident is not present to provide direct care for the patient.

Interpersonal and Communication Skills 1: Patient- and Family-Centered Communication		
	nd behaviors to form constructive relationships with patients, to identify communication	
barriers including self-reflection on personal bia	ses, and minimize them in the doctor-patient relationships; to organize and lead	
communication around shared decision making		
Milestones		
Level 1 Demonstrates respect and establishes	Exhibits sensitivity and self-monitors and controls tone, non-verbal responses, and	
rapport with patients and their family	language and asks questions that encourage patient/family participation	
Identifies common barriers to effective	a Identifica the need for an interpretor for a nation, with a hearing impairment or one who	
communication	<ul> <li>Identifies the need for an interpreter for a patient with a hearing impairment or one who speaks another language</li> </ul>	
Level 2 Establishes a therapeutic relationship in	Demonstrates ability to develop an effective relationship with patient/family through active	
straightforward encounters	listening, empathy, attention to affect, and thoughtful questioning	
Identifies complex barriers to effective	Recognizes factors that may interfere with effective communication and establishment of	
communication	a working doctor-patient relationship (e.g., cultural factors, presence of traumatic history, cognitive impairment, and personal biases)	
Level 3 Establishes a therapeutic relationship in	Demonstrates ability to establish and maintain relationship with a difficult patient with	
challenging encounters	awareness of countertransference issues that may complicated one's ability to maintain a therapeutic stance	
When prompted, reflects on personal biases	Attempts to mitigate identified communication barriers, including reflection on implicit	
that may contribute to communication barriers	biases when prompted	
<b>Level 4</b> Facilitates difficult discussions specific to a patient's and patient's family's preferences	Establishes a therapeutic relationship with complex/difficult patients and families with sensitivity to their specific needs or concerns	
	Participates in patient/family conferences to facilitate discussions that address shared decision making, goals of care, and/or conflicts with health care providers	
Independently recognizes personal biases and	Discusses issues of implicit bias during supervision and approaches to address them	
attempts to minimize their contribution to	when interacting with patients, family, and staff	
communication barriers		
Level 5 Mentors others in situational awareness	Mentors a colleague on how to manage a significant medical error	
and critical self-reflection	Guides others in developing situational awareness and critical self-reflection	
Role models self-awareness practice while	Develops a workshop or training on patient and family communication for staff members,	
identifying and teaching a contextual approach	with particular emphasis on difficult communications	
to minimize communication barriers		
Assessment Models or Tools	Direct observation	

	Self-assessment including self-reflection exercises
	Standardized patients or structured case discussions
Curriculum Mapping	
Notes or Resources	<ul> <li>Laidlaw A, Hart J. Communication skills: An essential component of medical curricula.</li> <li>Part I: Assessment of clinical communication: AMEE Guide No. 51. <i>Med Teach</i>.</li> <li>2011;33(1):6-8.</li> <li>https://www.tandfonline.com/doi/abs/10.3109/0142159X.2011.531170?journalCode=imte</li> </ul>
	<ul> <li>Makoul G. Essential elements of communication in medical encounters: the Kalamazoo consensus statement. <i>Acad Med</i>. 2001;76(4):390-393.</li> </ul>
	https://journals.lww.com/academicmedicine/Fulltext/2001/04000/Essential Elements of Communication in Medical.21.aspx.  • Makoul G. The SEGUE Framework for teaching and assessing communication skills.  Patient Educ Couns. 2001;45(1):23-34.
	https://www.sciencedirect.com/science/article/abs/pii/S0738399101001367?via%3Dihub.  Symons AB, Swanson A, McGuigan D, Orrange S, Akl EA. A tool for self-assessment of communication skills and professionalism in residents. <i>BMC Med Educ</i> . 2009; 9:1. https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2631014/.

#### Interpersonal and Communication Skills 2: Interprofessional and Team Communication Overall Intent: To effectively communicate with the health care team, including consultants, in both straightforward and complex situations **Milestones Examples** Level 1 Respectfully interacts and actively • Uses respectful communication with administrative staff members communicates with all members of the health care team Level 2 Communicates in an approachable and • Demonstrates active listening by fully focusing on the speaker by actively showing effective manner to facilitate the psychiatric appropriate verbal and nonverbal signs consultation **Level 3** Actively recognizes and mitigates • Uses appropriate terminology and avoids psychiatric jargon when communicating with communication barriers and biases with non-psychiatrists members of the health care team • Synthesizes best recommendations from team members to develop a consensus **Level 4** Leads and coordinates recommendations from multidisciplinary approach members of the health care team, including conflict resolution Level 5 Role models flexible communication • Negotiates a resolution for a disagreement within the transplant team whether the patient strategies that value input from all health care meets psychosocial criteria for surgery team members, resolving conflict when needed Assessment Models or Tools Direct observation • Medical record (chart) review audit Multisource feedback **Curriculum Mapping** Notes or Resources • Dehon E, Simpson K, Fowler D, Jones A. Development of the faculty 360. MedEdPORTAL. 2015;11:10174. https://www.mededportal.org/doi/10.15766/mep 2374-8265.10174 • Fay D, Mazzone M, Douglas L, Ambuel B. A validated, behavior-based evaluation instrument for family medicine residents. MedEdPORTAL. 2007;3:622. https://www.mededportal.org/doi/10.15766/mep 2374-8265.622. • François, J. Tool to assess the quality of consultation and referral request letters in family medicine. Can Fam Physician. 2011;57(5):574-575. https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3093595/. • Green M, Parrott T, Cook G. Improving your communication skills. BMJ. 2012;344:e357 https://www.bmj.com/content/344/bmj.e357. • Henry SG, Holmboe ES, Frankel RM. Evidence-based competencies for improving

communication skills in graduate medical education: A review with suggestions for



**Curriculum Mapping** 

#### Interpersonal and Communication Skills 3: Communication within Health Care Systems Overall Intent: To effectively communicate with the health care team, peers, learners, and faculty members using a variety of methods **Milestones Examples** • Describes liaison role in working with medical teams **Level 1** Understands role of the liaison in consultation psychiatry Communicates about administrative issues • Identifies institutional communication hierarchy for concerns and safety issues through appropriate channels, as required by institutional policy Level 2 Provides liaison services in • Communicates a clear strategy for administering antipsychotic agents for agitation in the straightforward cases **ICU** Respectfully communicates concerns about the Consults attending to discuss inappropriate copying and pasting in medical notes system Level 3 Provides liaison communication in a • Communicates with the patient's primary care provider regarding non-adherence broad range of cases without direct oversight discovered during patient admission Uses appropriate channels to offer clear and • Appropriately escalates concerns locally, departmentally, or institutionally constructive suggestions to improve the system Level 4 Provides effective liaison leadership in • Educates teams regarding management of patients with difficult personality styles on complex clinical situations inpatient medical units Initiates difficult conversations with • Recognizes that a communication breakdown has happened and respectfully brings the appropriate stakeholders to improve the system breakdown to the attention of a chief resident or faculty member Level 5 Supervises others in providing liaison • Leads a task force established by the hospital quality improvement committee to develop services, expands the relationship with a clinic a plan to improve house staff hand-offs or program Facilitates dialogue and improvement regarding Meaningfully participates in a committee to examine community emergency response systems including psychiatric emergencies systems issues among appropriate stakeholders Assessment Models or Tools • Direct observation of sign-outs, observation of requests for consultations Medical record (chart) audit Multisource feedback • Semi-annual meetings with the program director

Notes or Resources	APA. The American Psychiatric Association Practice Guidelines for the Psychiatric
	Evaluation of Adults. 3rd ed. Arlington, VA: American Psychiatric Publishing; 2016.
	https://psychiatryonline.org/doi/book/10.1176/appi.books.9780890426760.
	Bierman JA, Hufmeyer KK, Liss DT, Weaver AC, Heiman HL. Promoting responsible
	electronic documentation: Validity evidence for a checklist to assess progress notes in the
	electronic health record. <i>Teach Learn Med.</i> 2017;29(4):420-432.
	https://www.tandfonline.com/doi/full/10.1080/10401334.2017.1303385.
	Haig KM, Sutton S, Whittington J. SBAR: A shared mental model for improving
	communication between clinicians. <i>Jt Comm J Qual Patient Saf.</i> 2006;32(3):167-175.
	https://www.jointcommissionjournal.com/article/S1553-7250(06)32022-3/fulltext.
	• Starmer AJ, Spector ND, Srivastava R, et al. I-pass, a mnemonic to standardize verbal
	handoffs. <i>Pediatrics</i> . 2012;129.2:201-204.
	https://pediatrics.aappublications.org/content/129/2/201.long?sso=1&sso_redirect_count=
	1&nfstatus=401&nftoken=00000000-0000-0000-
	000000000008nfstatusdescription=ERROR%3a+No+local+token.

To help programs transition to the new version of the Milestones, the ACGME has mapped the original Milestones 1.0 to the new Milestones 2.0. Indicated below are where the subcompetencies are similar between versions. These are not exact matches, but are areas that include similar elements. Not all subcompetencies map between versions. Inclusion or exclusion of any subcompetency does not change the educational value or impact on curriculum or assessment.

Milestones 1.0	Milestones 2.0
PC1: Consultative Patient Care	PC1: Consultative Patient Care
PC2: Integrated Patient Care	PC2: Collaborative Patient Care in Multidisciplinary Settings
No match	PC3: Digital Health
MK1: Knowledge regarding Psychiatric Illnesses in the Medically III	MK1: Knowledge regarding Psychiatric Disorders in the Medically III
MK2: Knowledge regarding Psychiatric Manifestations of Medical Illnesses	MK2: Knowledge regarding Psychiatric Manifestations of Medical Illnesses
MK3: Practice of Psychosomatic Medicine	No match
SBP1: Patient Safety and the Health Care Team	SBP1: Patient Safety and Quality Improvement
SBP2: Resource Management: costs of care and resource selection	SBP3: Physician Role in Health Care Systems
SBP3: Community-based Care	SBP2: System Navigation for Patient-Centered Care
SBP4: Consultation to Health Care Systems	ICS3: Leadership and Education Communication within Health Care Systems
PBLI1: Lifelong Learning	PBLI2: Reflective Practice and Commitment to Personal Growth
PBLI2: Teaching	No match
No match	PBLI1: Evidence-Based and Informed Practice
PROF1: Compassion, Integrity, and Respect	PROF1: Professional Behavior and Ethical Principles
PROF2: Accountability to Self, Patients, Colleagues, and Profession	PROF2: Accountability/Conscientiousness PROF3: Well-Being
ICS1: Relationship Development and Conflict Management	ICS1: Patient- and Family-Centered Communication ICS2: Interprofessional and Team Communication
ICS2: Information Sharing and Record Keeping	No match

#### **Available Milestones Resources**

Milestones 2.0: Assessment, Implementation, and Clinical Competency Committees Supplement, new 2021 - <a href="https://meridian.allenpress.com/jgme/issue/13/2s">https://meridian.allenpress.com/jgme/issue/13/2s</a>

Clinical Competency Committee Guidebook, updated 2020 -

https://www.acgme.org/Portals/0/ACGMEClinicalCompetencyCommitteeGuidebook.pdf?ver=2020-04-16-121941-380

Clinical Competency Committee Guidebook Executive Summaries, new 2020 - <a href="https://www.acgme.org/What-We-Do/Accreditation/Milestones/Resources">https://www.acgme.org/What-We-Do/Accreditation/Milestones/Resources</a> - Guidebooks - Clinical Competency Committee Guidebook Executive Summaries

Milestones Guidebook, updated 2020 - https://www.acgme.org/Portals/0/MilestonesGuidebook.pdf?ver=2020-06-11-100958-330

Milestones Guidebook for Residents and Fellows, updated 2020 -

https://www.acgme.org/Portals/0/PDFs/Milestones/MilestonesGuidebookforResidentsFellows.pdf?ver=2020-05-08-150234-750

Milestones for Residents and Fellows PowerPoint, new 2020 - <a href="https://www.acgme.org/Residents-and-Fellows/The-ACGME-for-Residents-and-Fellows">https://www.acgme.org/Residents-and-Fellows/The-ACGME-for-Residents-and-Fellows</a>

Milestones for Residents and Fellows Flyer, new 2020 <a href="https://www.acgme.org/Portals/0/PDFs/Milestones/ResidentFlyer.pdf">https://www.acgme.org/Portals/0/PDFs/Milestones/ResidentFlyer.pdf</a>

*Implementation Guidebook*, new 2020 - <a href="https://www.acgme.org/Portals/0/Milestones%20Implementation%202020.pdf?ver=2020-05-20-152402-013">https://www.acgme.org/Portals/0/Milestones%20Implementation%202020.pdf?ver=2020-05-20-152402-013</a>

Assessment Guidebook, new 2020 -

https://www.acgme.org/Portals/0/PDFs/Milestones/Guidebooks/AssessmentGuidebook.pdf?ver=2020-11-18-155141-527

Milestones National Report, updated each Fall -

https://www.acgme.org/Portals/0/PDFs/Milestones/2019MilestonesNationalReportFinal.pdf?ver=2019-09-30-110837-587 (2019)

Milestones Bibliography, updated twice each year -

https://www.acgme.org/Portals/0/PDFs/Milestones/MilestonesBibliography.pdf?ver=2020-08-19-153536-447

Developing Faculty Competencies in Assessment courses - <a href="https://www.acgme.org/Meetings-and-Educational-Activities/Other-Educational-Activities/Courses-and-Workshops/Developing-Faculty-Competencies-in-Assessment">https://www.acgme.org/Meetings-and-Educational-Activities/Other-Educational-Activities/Courses-and-Workshops/Developing-Faculty-Competencies-in-Assessment</a>

Assessment Tool: Direct Observation of Clinical Care (DOCC) - <a href="https://dl.acgme.org/pages/assessment">https://dl.acgme.org/pages/assessment</a>

Assessment Tool: <u>Teamwork Effectiveness Assessment Module</u> (TEAM) - <u>https://dl.acgme.org/pages/assessment</u>

Learn at ACGME has several courses on Assessment and Milestones - https://dl.acgme.org/