EPA 1: Gather a History and Perform a Physical Examination

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EPA 1

Gather a history and perform a physical exam

Underlying entrustability for all EPAs are trustworthy habits, including truthfulness, conscientiousness, and discernment.

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Key Functions with Related Competencies	Behaviors Requiring Corrective Response	→ Developing Behaviors → (Learner may be at different levels within a row.)		Expected Behaviors for an Entrustable Learner
Obtain a complete and accurate history in an organized fashion **PC2**	Does not collect accurate historical data Relies exclusively on secondary sources or documentation of others	Gathers excessive or incomplete data Does not deviate from a template	Uses a logical progression of questioning Questions are prioritized and not excessive	Obtains a complete and accurate history in an organized fashion Seeks secondary sources of information when appropriate (e.g. family, primary care physician, living facility, pharmacy) Adapts to different care settings and encounters
Demonstrate patient-centered interview skills **ICS1 ICS7 P1 P3 P5**	Is disrespectful in interactions with patients Disregards patient privacy and autonomy	Communicates unidirectionally Does not respond to patient verbal and nonverbal cues May generalize based on age, gender, culture, race, religion, disabilities, and/or sexual orientation Does not consistently consider patient privacy and autonomy	Demonstrates effective communication skills, including silence, open-ended questions, body language, listening, and avoids jargon Anticipates and interprets patient's emotions Incorporates responses appropriate to age, gender, culture, race, religion, disabilities and/or sexual orientation	Adapts communication skills to the individual patient's needs and characteristics Responds effectively to patient's verbal and nonverbal cues and emotions
Demonstrate clinical reasoning in gathering focused information relevant to a patient's care **KP1**	Fails to recognize patient's central problem	Questions are not guided by the evidence and data collected Does not prioritize or filter information Questions reflect a narrow differential diagnosis	Questions are purposefully used to clarify patient's issues Is able to filter signs and symptoms into pertinent positives and negatives	Demonstrates astute clinical reasoning through targeted hypothesis-driven questioning Incorporates secondary data into medical reasoning
Perform a clinically relevant, appropriately thorough physical exam pertinent to the setting and purpose of the patient visit **PC2**	Does not consider patient's privacy and comfort during exams Incorrectly performs basic physical exam maneuvers	Performs basic exam maneuvers correctly Does not perform exam in an organized fashion Relies on head-to-toe examination Misses key findings	Targets the exam to areas necessary for the encounter Identifies and describes normal findings Explains exam maneuvers to patient	Performs an accurate exam in a logical and fluid sequence Uses the exam to explore and prioritize the working differential diagnosis Can identify and describe normal and abnormal findings

Barron, B, Orlander, P, Schwartz, ML. Obeso V, Brown D, Phillipi C, eds.; for Core EPAs for Entering Residency Pilot Program
Adapted from the Association of American Medical Colleges (AAMC). Core entrustable professional activities for entering residency. 2014.

EPA 2: Prioritize a Differential Diagnosis Following a Clinical Encounter

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EPA 2

Prioritize a differential diagnosis

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Key Functions with Related Competencies	Behaviors Requiring Corrective Response	→ Developing Behaviors → (Learner may be at different levels within a row.)		Expected Behaviors for an Entrustable Learner
Synthesize essential information from previous records, history, physical exam, and initial diagnostic evaluations to propose a scientifically supported differential diagnosis **PC2 KP3 KP4 KP2**	Cannot gather or synthesize data to inform an acceptable diagnosis Lacks basic medical knowledge to reason effectively	Approaches assessment from a rigid template Struggles to filter, prioritize, and make connections between sources of information Proposes a differential diagnosis that is too narrow, is too broad, or contains inaccuracies Demonstrates difficulty retrieving knowledge for effective reasoning	Gathers pertinent data based on initial diagnostic hypotheses Proposes a reasonable differential diagnosis but may neglect important diagnostic information Is beginning to organize knowledge by illness scripts (patterns) to generate and support a diagnosis	Gathers pertinent information from many sources in a hypothesis-driven fashion Filters, prioritizes, and makes connections between sources of information Proposes a relevant differential diagnosis that is neither too broad nor too narrow Organizes knowledge into illness scripts (patterns) that generate and support a diagnosis
Prioritize and continue to integrate information as it emerges to update differential diagnosis, while managing ambiguity **PC4 KP3 KP4 PPD8 PBL1**	Disregards emerging diagnostic information Becomes defensive and/or belligerent when questioned on differential diagnosis	Does not integrate emerging information to update the differential diagnosis Displays discomfort with ambiguity	Considers emerging information but does not completely integrate to update the differential diagnosis Acknowledges ambiguity and is open to questions and challenges	Seeks and integrates emerging information to update the differential diagnosis Encourages questions and challenges from patients and team
Engage and communicate with team members for endorsement and verification of the working diagnosis that will inform management plans **KP3 KP4 ICS2**	Ignores team's recommendations Develops and acts on a management plan before receiving team's endorsement Cannot explain or document clinical reasoning	Recommends a broad range of untailored diagnostic evaluations Depends on team for all management plans Does not completely explain and document reasoning	Recommends diagnostic evaluations tailored to the evolving differential diagnosis after having consulted with team Explains and documents clinical reasoning	Proposes diagnostic and management plans reflecting team's input Seeks assistance from team members Provides complete and succinct documentation explaining clinical reasoning

EPA 3: Recommend and Interpret Common Diagnostic and Screening Tests

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EPA 3

Diagnostic and screening tests

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Key Functions with Related Competencies	Behaviors Requiring Corrective Response	→ Developing Behaviors → (Learner may be at different levels within a row.)		Expected Behaviors for an Entrustable Learner
Recommend first-line cost-effective screening and diagnostic tests for routine health maintenance and common disorders **PC5 PC9 SBP3 PBLI9 KP1 KP4**	Unable to recommend a standard set of screening or diagnostic tests Demonstrates frustration at cost-containment efforts	Recommends tests for common conditions Does not consider harm, costs, guidelines, or patient resources Does not consider patient-specific screening unless instructed	Considers costs Identifies guidelines for standard tests Repeats diagnostic tests at intervals that are too frequent or too lengthy	Recommends key, reliable, cost-effective screening and diagnostic tests Applies patient-specific guidelines
Provide rationale for decision to order tests, taking into account pre- and posttest probability and patient preference **PC5 PC7 KP1 KP4 SBP3 PBLI9**	Cannot provide a rationale for ordering tests	Recommends unnecessary tests or tests with low pretest probability Neglects patient's preferences	Understands pre- and posttest probability Neglects impact of false positive or negative results Aware of patient's preferences	Provides individual rationale based on patient's preferences, demographics, and risk factors Incorporates sensitivity, specificity, and prevalence in recommending and interpreting tests Explains how results will influence diagnosis and evaluation
Interpret results of basic studies and understand the implication and urgency of the results **PC4 PC5 PC7 KP1**	Can only interpret results based on normal values from the lab Does not discern urgent from nonurgent results	Misinterprets insignificant or explainable abnormalities Does not know how to respond to urgent test results Requires supervisor to discuss results with patient	Recognizes need for assistance to evaluate urgency of results and communicate these to patient	Distinguishes common, insignificant abnormalities from clinically important findings Discerns urgent from nonurgent results and responds correctly Seeks help for interpretation of tests beyond scope of knowledge

EPA 4: Enter and Discuss Orders and Prescriptions

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EPA 4

Enter and discuss orders and prescriptions

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Key Functions with Related Competencies	Behaviors Requiring Corrective Response	→ Developing Behaviors → (Learner may be at different levels within a row.)		Expected Behaviors for an Entrustable Learner
Compose orders efficiently and effectively verbally, on paper, and electronically **PC6 PBLI1**	Unable to compose or enter electronic orders or write prescriptions (or does so for the wrong patient or using an incorrect order set) Does not follow established protocols for placing orders	Does not recognize when to tailor or deviate from the standard order set Orders tests excessively (uses shotgun approach) May be overconfident, does not seek review of orders	Recognizes when to tailor or deviate from the standard order set Completes simple orders Demonstrates working knowledge of how orders are processed in the workplace Asks questions, accepts feedback	Routinely recognizes when to tailor or deviate from the standard order set Able to complete complex orders requiring changes in dose or frequency over time (e.g., a taper) Undertakes a reasoned approach to placing orders (e.g., waits for contingent results before ordering more tests) Recognizes limitations and seeks helps
Demonstrate an understanding of the patient's condition that underpins the provided orders **PC5 PC2**	Lacks basic knowledge needed to guide orders Demonstrates defensiveness when questioned	Has difficulty filtering and synthesizing information to prioritize diagnostics and therapies Unable to articulate the rationale behind orders	Articulates rationale behind orders May not take into account subtle signs or exam findings guiding orders	Recognizes patterns, takes into account the patient's condition when ordering diagnostics and/or therapeutics Explains how test results influence clinical decision making
Recognize and avoid errors by attending to patient-specific factors, using resources, and appropriately responding to safety alerts **PBLI7**	Discounts information obtained from resources designed to avoid drug–drug interactions Fails to adjust doses when advised to do so by others Ignores alerts	Underuses information that could help avoid errors Relies excessively on technology to highlight drug–drug interactions and/or risks (e.g., smartphone or EHR suggests an interaction, but learner cannot explain relevance)	May inconsistently apply safe prescription-writing habits such as double-check of patient's weight, age, renal function, comorbidities, dose and/or interval, and pharmacogenetics when applicable	Routinely practices safe habits when writing or entering prescriptions or orders Responds to EHR's safety alerts and understands rationale for them Uses electronic resources to fill in gaps in knowledge to inform safe order writing (e.g., drug–drug interactions, treatment guidelines)
Discuss planned orders and prescriptions with team, patients, and families **ICS1 SBP3**	Places orders and/or prescriptions that directly conflict with patient's and family's health or cultural beliefs	Places orders without communicating with others; uses unidirectional style ("Here is what we are doing...") Does not consider cost of orders or patient's preferences	Modifies plan based on patient's preferences May describe cost-containment efforts as externally mandated and interfering with the doctor–patient relationship	Enters orders that reflect bidirectional communication with patients, families, and team Considers the costs of orders and the patient's ability and willingness to proceed with the plan

EPA 5: Document a Clinical Encounter in the Patient Record

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EPA 5

Document a clinical encounter

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Key Functions with Related Competencies	Behaviors Requiring Corrective Response	→ Developing Behaviors → (Learner may be at different levels within a row.)		Expected Behaviors for an Entrustable Learner
Prioritize and synthesize information into a cogent narrative for a variety of clinical encounters (e.g., admission, progress, pre- and post-op, and procedure notes; informed consent; discharge summary) **P4 ICS1**	Provides incoherent documentation	Misses key information Uses a template with limited ability to adjust or adapt based on audience, context, or purpose	Provides key information but may include unnecessary details or redundancies Demonstrates ability to adjust or adapt to audience, context, or purpose	Provides a verifiable cogent narrative without unnecessary details or redundancies Adjusts and adapts documentation based on audience, context, or purpose (e.g., admission, progress, pre- and post-op, and procedure notes; informed consent; discharge summary)
Follow documentation requirements to meet regulations and professional expectations **ICS5 P4 SBP1**	Copies and pastes information without verification or attribution Does not provide documentation when required Provides illegible documentation	Produces documentation that has errors or does not fulfill institutional requirements (e.g., date, time, signature, avoidance of prohibited abbreviations) Has difficulty meeting turnaround expectations, resulting in team members' lack of access to documentation	Recognizes and corrects errors related to required elements of documentation Meets needed turnaround time for standard documentation May not document the pursuit of primary or secondary sources important to the encounter	Provides accurate, legible, timely documentation that includes institutionally required elements Documents in the patient's record role in team-care activities Documents use of primary and secondary sources necessary to fill in gaps
Document a problem list, differential diagnosis, and plan supported through clinical reasoning that reflects patient's preferences **PC4 PC6 ICS1 ICS2**	Includes inappropriate judgmental language Documents potentially damaging information without attribution	Does not document a problem list, differential diagnosis, plan, clinical reasoning, or patient's preferences Interprets laboratories by relying on norms rather than context Does not include a rationale for ordering studies or treatment plans Demonstrates limited help-seeking behavior to fill gaps in knowledge, skill, and experience	Documents a problem list, differential diagnosis, plan, and clinical reasoning Is inconsistent in interpreting basic tests accurately Engages in help-seeking behavior resulting in improved ability to develop and document management plans Solicits patient's preferences and records them in a note	Documents a problem list, differential diagnosis, and plan, reflecting a combination of thought processes and input from other providers Interprets laboratory values accurately Identifies key problems, documenting engagement of those who can help resolve them Communicates bidirectionally to develop and record management plans aligned with patient's preferences

EPA 6: Provide an Oral Presentation of a Clinical Encounter

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EPA 6

Provide an oral presentation of a clinical encounter

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Key Functions with Related Competencies	Behaviors Requiring Corrective Response	→ Developing Behaviors → (Learner may be at different levels within a row.)		Expected Behaviors for an Entrustable Learner
Present personally gathered and verified information, acknowledging areas of uncertainty **PC2 PBL1 PPD4 P1**	Fabricates information when unable to respond to questions Reacts defensively when queried	Gathers evidence incompletely or exhaustively Fails to verify information Does not obtain sensitive information	Acknowledges gaps in knowledge, adjusts to feedback, and then obtains additional information	Presents personally verified and accurate information, even when sensitive Acknowledges gaps in knowledge, reflects on areas of uncertainty, and seeks additional information to clarify or refine presentation
Provide an accurate, concise, well-organized oral presentation **ICS2 PC6**	Presents in a disorganized and incoherent fashion	Delivers a presentation that is not concise or that wanders Presents a story that is imprecise because of omitted or extraneous information	Delivers a presentation organized around the chief concern When asked, can identify pertinent positives and negatives that support hypothesis Supports management plans with limited information	Filters, synthesizes, and prioritizes information into a concise and well-organized presentation Integrates pertinent positives and negatives to support hypothesis Provides sound arguments to support the plan
Adjust the oral presentation to meet the needs of the receiver **ICS1 ICS2 PBL1 PPD7**	Presents information in a manner that frightens family	Follows a template Uses acronyms and medical jargon Projects too much or too little confidence	When prompted, can adjust presentation in length and complexity to match situation and receiver of information	Tailors length and complexity of presentation to situation and receiver of information Conveys appropriate self-assurance to put patient and family at ease
Demonstrate respect for patient's privacy and autonomy **P3 P1 PPD4**	Disregards patient's privacy and autonomy	Lacks situational awareness when presenting sensitive patient information Does not engage patients and families in discussions of care	Incorporates patient's preferences and privacy needs	Respects patients' privacy and confidentiality by demonstrating situational awareness when discussing patients Engages in shared decision making by actively soliciting patient's preferences

EPA 7: Form Clinical Questions and Retrieve Evidence to Advance Patient Care

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EPA 7

Clinical questions to advance patient care

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Key Functions with Related Competencies	Behaviors Requiring Corrective Response	→ Developing Behaviors → (Learner may be at different levels within a row.)		Expected Behaviors for an Entrustable Learner
Combine curiosity, objectivity, and scientific reasoning to develop a well-formed, focused, pertinent clinical question (ASK) **KP3 PBLI6 PBLI1 PBLI3**	Does not reconsider approach to a problem, ask for help, or seek new information	With prompting, translates information needs into clinical questions	Seeks assistance to translate information needs into well-formed clinical questions	Identifies limitations and gaps in personal knowledge Develops knowledge guided by well-formed clinical questions
Demonstrate awareness and skill in using information technology to access accurate and reliable medical information (ACQUIRE) **PBLI6 PBLI7**	Declines to use new information technologies	Uses vague or inappropriate search strategies, leading to an unmanageable volume of information	Employs different search engines and refines search strategies to improve efficiency of evidence retrieval	Identifies and uses available databases, search engines, and refined search strategies to acquire relevant information
Demonstrate skill in appraising sources, content, and applicability of evidence (APPRAISE) **PBLI6 KP3 KP4**	Refuses to consider gaps and limitations in the literature or apply published evidence to specific patient care	Accepts findings from clinical studies without critical appraisal With assistance, applies evidence to common medical conditions	Judges evidence quality from clinical studies Applies published evidence to common medical conditions	Uses levels of evidence to appraise literature and determines applicability of evidence Seeks guidance in understanding subtleties of evidence
Apply findings to individuals and/or patient panels; communicate findings to the patient and team, reflecting on process and outcomes (ADVISE) **ICS1 ICS2 PBLI1 PBLI8 PBLI9 PC7**	Does not discuss findings with team Does not determine or discuss outcomes and/or process, even with prompting	Communicates with rigid recitation of findings, using medical jargon or displaying personal biases Shows limited ability to connect outcomes to the process by which questions were identified and answered and findings were applied	Applies findings based on audience needs Acknowledges ambiguity of findings and manages personal bias Connects outcomes to process by which questions were identified and answered	Applies nuanced findings by communicating the level and consistency of evidence with appropriate citation Reflects on ambiguity, outcomes, and the process by which questions were identified and answered and findings were applied

EPA 8: Give or Receive a Patient Handover to Transition Care Responsibility

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EPA 8

Give or receive a patient handover

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**** Functions are designated as "transmitter" or "transmitter and receiver."***

Key Functions with Related Competencies	Behaviors Requiring Corrective Response	→ Developing Behaviors → (Learner may be at different levels within a row.)		Expected Behaviors for an Entrustable Learner
Document and update an electronic handover tool and apply this to deliver a structured verbal handover **PBLI7 ICS2 ICS3 P3** ***Transmitter**	Inconsistently uses standardized format or uses alternative tool Provides information that is incomplete and/or includes multiple errors in patient information	Uses electronic handover tool Inconsistently updates tool Requires clarification and additional relevant information from others to prioritize information Provides patient information that is disorganized, too detailed, and/or too brief	Consistently updates electronic handover tool with mostly relevant information, applying a standardized template Adjusts patient information for context and audience May omit relevant information or present irrelevant information	Consistently updates electronic handover tool with clear, relevant, and succinct documentation Adapts and applies all elements of a standardized template Presents a verbal handover that is prioritized, relevant, and succinct
Conduct handover using communication strategies known to minimize threats to transition of care **ICS2 ICS3** ***Transmitter**	Is frequently distracted Carries out handover with inappropriate timing and context	Requires assistance to minimize interruptions and distractions Demonstrates minimal situational awareness	Requires assistance with time management Focuses on own handover tasks with some awareness of other's needs	Avoids interruptions and distractions Manages time effectively Demonstrates situational awareness
Provide succinct verbal communication conveying illness severity, situational awareness, action planning, and contingency planning **ICS2 PC8** ***Transmitter**	Communication lacks all key components of standardized handover	Inconsistently communicates key components of the standardized tool Does not provide action plan and contingency plan	Identifies illness severity Provides incomplete action list and contingency planning Creates a contingency plan that lacks clarity	Highlights illness severity accurately Provides complete action plans and appropriate contingency plans
Give or elicit feedback about handover communication and ensure closed-loop communication **PBLI5 ICS2 ICS3** ***Transmitter and Receiver**	Withholds or is defensive with feedback Displays lack of insight on the role of feedback Does not summarize (or repeat) key points for effective closed-loop communication	Delivers incomplete feedback; accepts feedback when given Does not encourage other team members to express their ideas or opinions Inconsistently uses summary statements and/or asks clarifying questions	Accepts feedback and adjusts Summary statements are too elaborate Inconsistently uses repeat-back technique	Provides and solicits feedback regularly, listens actively, and engages in reflection Identifies areas of improvement Asks mutually clarifying questions, provides succinct summaries, and uses repeat-back techniques
Demonstrate respect for patient's privacy and confidentiality **P3** ***Transmitter and Receiver**	Is unaware of HIPAA policies Breaches patient confidentiality and privacy	Is aware of HIPAA policies	Is cognizant of and attempts to minimize breaches in privacy and confidentiality	Consistently considers patient privacy and confidentiality Highlights and respects patient's preferences

EPA 9: Collaborate as a Member of an Interprofessional Team

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EPA 9

Collaborate as a member of an interprofessional team

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Key Functions with Related Competencies	Behaviors Requiring Corrective Response	→ Developing Behaviors → (Learner may be at different levels within a row.)		Expected Behaviors for an Entrustable Learner
Identify team members' roles and responsibilities and seek help from other members of the team to optimize health care delivery **IPC2 SBP2 ICS3**	Does not acknowledge other members of the interdisciplinary team as important Displays little initiative to interact with team members	Identifies roles of other team members but does not know how or when to use them Acts independently of input from team members, patients, and families	Interacts with other team members, seeks their counsel, actively listens to their recommendations, and incorporates these recommendations into practice	Effectively partners as an integrated member of the team Articulates the unique contributions and roles of other health care professionals Actively engages with the patient and other team members to coordinate care and provide for seamless care transition
Include team members, listen attentively, and adjust communication content and style to align with team-member needs **ICS2/IPC3 IPC1 ICS7 P1**	Dismisses input from professionals other than physicians	Communication is largely unidirectional, in response to prompts, or template driven Has limited participation in team discussion	Listens actively and elicits ideas and opinions from other team members	Communicates bidirectionally; keeps team members informed and up to date Tailors communication strategy to the situation
Establish and maintain a climate of mutual respect, dignity, integrity, and trust **Prioritize team needs over personal needs to optimize delivery of care** **Help team members in need** **P1 ICS7 IPC1 SBP2**	Has disrespectful interactions or does not tell the truth Is unable to modify behavior Puts others in position of reminding, enforcing, and resolving interprofessional conflicts	Is typically a more passive member of the team Prioritizes own goals over those of the team	Integrates into team function, prioritizing team goals Demonstrates respectful interactions and tells the truth Remains professional and anticipates and manages emotional triggers	Supports other team members and communicates their value to the patient and family Anticipates, reads, and reacts to emotions to gain and maintain therapeutic alliances with others Prioritizes team's needs over personal needs

EPA 10: Recognize a Patient Requiring Urgent or Emergent Care and Initiate Evaluation and Management

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EPA 10

Recognize urgent or emergent situation

- Chest pain
- Mental status change
- Shortness of breath and hypoxemia
- Fever
- Hypotension or hypertension
- Tachycardia or arrhythmia
- Oliguria, anuria, or urinary retention
- Electrolyte abnormalities
- Hypoglycemia or hyperglycemia

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Recognize normal and abnormal vital signs as they relate to patient- and disease-specific factors as potential etiologies of a patient's decompensation PC2 PC4 PC5	Fails to recognize trends or variations of vital signs in a decompensating patient	Demonstrates limited ability to gather, filter, prioritize, and connect pieces of information to form a patient-specific differential diagnosis in an urgent or emergent setting	Recognizes outliers or unexpected results or data and seeks out an explanation	Recognizes variations of patient's vital signs based on patient- and disease-specific factors Gathers, filters, and prioritizes information related to a patient's decompensation in an urgent or emergent setting
Recognize severity of a patient's illness and indications for escalating care and initiate interventions and management PC4 PC3 PC2 PC5 PC6 PPD1	Does not recognize change in patient's clinical status or seek help when a patient requires urgent or emergent care	Misses abnormalities in patient's clinical status or does not anticipate next steps May be distracted by multiple problems or have difficulty prioritizing Accepts help	Recognizes concerning clinical symptoms or unexpected results or data Asks for help	Responds to early clinical deterioration and seeks timely help Prioritizes patients who need immediate care and initiates critical interventions
Initiate and participate in a code response and apply basic and advanced life support PC1 PPD1 SBP2 IPC4	Responds to a decompensated patient in a manner that detracts from or harms team's ability to intervene	Requires prompting to perform basic procedural or life support skills correctly Does not engage with other team members	Demonstrates appropriate airway and basic life support (BLS) skills Initiates basic management plans Seeks input or guidance from other members of the health care team	Initiates and applies effective airway management, BLS, and advanced cardiovascular life support (ACLS) skills Monitors response to initial interventions and adjusts plan accordingly Adheres to institutional procedures and protocols for escalation of patient care Uses the health care team members according to their roles and responsibilities to increase task efficiency in an emergent patient condition
Upon recognition of a patient's deterioration, communicate situation, clarify patient's goals of care, and update family members ICS2 ICS6 PPD1	Dismisses concerns of team members (nurses, family members, etc.) about patient deterioration Disregards patient's goals of care or code status	Communicates in a unidirectional manner with family and health care team Provides superfluous or incomplete information to health care team members Does not consider patient's wishes if they differ from those of the provider	Tailors communication and message to the audience, purpose, and context in most situations Actively listens and encourages idea sharing from the team (including patient and family) Confirms goals of care	Communicates bidirectionally with the health care team and family about goals of care and treatment plan while keeping them up to date Actively listens to and elicits feedback from team members (e.g., patient, nurses, family members) regarding concerns about patient deterioration to determine next steps

EPA 11: Obtain Informed Consent for Tests and/or Procedures

From day 1, residents may be in a position to obtain informed consent for interactions, tests, or procedures they order and perform, including immunizations, medications, central lines, contrast and radiation exposures, and blood transfusions.

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EPA 11

Obtain informed consent

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Describe the key elements of informed consent: indications, contraindications, risks, benefits, alternatives, and potential complications of the intervention **PC6 KP3 KP4 KP5 P6**	Lacks basic knowledge of the intervention Provides inaccurate or misleading information Hands the patient a form and requests a signature	Is complacent with informed consent due to limited understanding of importance of informed consent Allows personal biases with intervention to influence consent process Obtains informed consent only on the directive of others	Lacks specifics when providing key elements of informed consent Lacks specifics or requires prompting	Understands and explains the key elements of informed consent Provides complete and accurate information Recognizes when informed consent is needed and describes it as a matter of good practice rather than as an externally imposed sanction
Communicate with the patient and family to ensure that they understand the intervention **PC7 ICS1 ICS7 PC5**	Uses language that frightens patient and family Disregards emotional cues Regards interpreters as unhelpful or inefficient	Uses medical jargon Uses unidirectional communication; does not elicit patient's preferences Has difficulty in attending to emotional cues Does not consider the use of an interpreter when needed	Notices use of jargon and self-corrects Elicits patient's preferences by asking questions Recognizes emotional cues Enlists interpreters	Avoids medical jargon Uses bidirectional communication to build rapport Practices shared decision making, eliciting patient and family preferences Responds to emotional cues in real time Enlists interpreters collaboratively
Display an appropriate balance of confidence and skill to put the patient and family at ease, seeking help when needed **PPD1 PPD7 PPD8**	Displays overconfidence and takes actions that can have a negative effect on outcomes	Displays a lack of confidence that increases patient stress or discomfort, or overconfidence that erodes trust Asks questions Accepts help	Has difficulty articulating personal limitations such that patient and family will need reassurance from a senior colleague Asks for help	Demonstrates confidence commensurate with knowledge and skill so that patient and family are at ease Seeks timely help

EPA 12: Perform General Procedures of a Physician

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EPA 12

Perform general procedures of a physician

- Basic cardiopulmonary resuscitation (CPR)
- Bag-mask ventilation (BMC)
- Sterile technique
- Venipuncture
- Insertion of an intravenous line
- Placement of a Foley catheter

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Key Functions with Related Competencies	Behaviors Requiring Corrective Response	→ Developing Behaviors → (Learner may be at different levels within a row.)		Expected Behaviors for an Entrustable Learner
Demonstrate technical skills required for the procedure **PC1**	Lacks required technical skills Fails to follow sterile technique when indicated	Technical skills are variably applied Completes the procedure unreliably Uses universal precautions and aseptic technique inconsistently	Approaches procedures as mechanical tasks to be performed and often initiated at the request of others Struggles to adapt approach when indicated	Demonstrates necessary preparation for performance of procedures Correctly performs procedure on multiple occasions over time Uses universal precautions and aseptic technique consistently
Understand and explain the anatomy, physiology, indications, contraindications, risks, benefits, alternatives, and potential complications of the procedure **PC1**	Displays lack of awareness of knowledge gaps	Does not understand key issues in performing procedures, such as indications, contraindications, risks, benefits, and alternatives Demonstrates limited knowledge of procedural complications or how to minimize them	Describes most of these key issues in performing procedures: indications, contraindications, risks, benefits, and alternatives Demonstrates knowledge of common procedural complications but struggles to mitigate them	Demonstrates and applies working knowledge of essential anatomy, physiology, indications, contraindications, risks, benefits, and alternatives for each procedure Knows and takes steps to mitigate complications of procedures
Communicate with the patient and family to ensure they understand pre- and post-procedural activities **PC7 ICS6 P6**	Uses inaccurate language or presents information distorted by personal biases Disregards patient's and family's wishes Fails to obtain appropriate consent before performing a procedure	Uses jargon or other ineffective communication techniques Does not read emotional response from the patient Does not engage patient in shared decision making	Conversations are respectful and generally free of jargon and elicit patient's and family's wishes When focused on the task during the procedure, may struggle to read emotional response from the patient	Demonstrates patient-centered skills while performing procedures (avoids jargon, participates in shared decision making, considers patient's emotional response) Having accounted for the patient's and family's wishes, obtains appropriate informed consent
Demonstrate confidence that puts patients and families at ease **PPD7 PPD1**	Displays overconfidence and takes actions that could endanger patients or providers	Displays a lack of confidence that increases patient's stress or discomfort, or overconfidence that erodes patient's trust if the learner struggles to perform the procedure Accepts help when offered	Asks for help with complications	Seeks timely help Has confidence commensurate with level of knowledge and skill that puts patients and families at ease

EPA 13: Identify System Failures and Contribute to a Culture of Safety

An EPA: A unit of observable, measurable professional practice requiring integration of competencies

EPA 13

System failures and culture of safety

Underlying entrustability for all EPAs are trustworthy habits, including truthfulness, conscientiousness, and discernment.

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Key Functions with Related Competencies	Behaviors Requiring Corrective Response	→ Developing Behaviors → (Learner may be at different levels within a row.)		Expected Behaviors for an Entrustable Learner
Identify and report actual and potential ("near miss") errors in care using system reporting structure (e.g., event reporting systems, chain of command policies) **KP1 ICS2 P4 PPD5**	Reports errors in a disrespectful or misleading manner	Superficial understanding prevents recognition of real or potential errors	Identifies and reports actual and potential errors Demonstrates structured approach to describing key elements of patient safety concerns	Identifies and reports patient safety concerns in a timely manner using existing system reporting structures (e.g., event reporting systems, chain of command policies) Speaks up to identify actual and potential errors, even against hierarchy
Participate in system improvement activities in the context of rotations or learning experiences (e.g., rapid-cycle change using plan–do–study–act cycles, root cause analyses, morbidity and mortality conference, failure modes and effects analyses, improvement projects) **PBLI4 PBLI10**	Displays frustration at system improvement efforts	Passively observes system improvement activities in the context of rotations or learning experiences	Participates in system improvement activities when prompted but may require others to point out system failures	Actively engages in efforts to identify systems issues and their solutions
Engage in daily safety habits (e.g., accurate and complete documentation, including allergies and adverse reactions, medicine reconciliation, patient education, universal precautions, hand washing, isolation protocols, falls and other risk assessments, standard prophylaxis, time-outs) **SBP4**	Places self or others at risk of injury or adverse event	Requires prompts for common safety behaviors	Demonstrates common safety behaviors	Engages in daily safety habits with only rare lapses
Admit one's own errors, reflect on one's contribution, and develop an individual improvement plan **P4 SBP5**	Avoids discussing or reporting errors; attempts to cover up errors Demonstrates defensiveness or places blame	Requires prompts to reflect on own errors and their underlying factors May not recognize own fatigue or may be afraid to tell supervisor when fatigued	Identifies and reflects on own contribution to errors but needs help developing an improvement plan	Identifies and reflects on the element of personal responsibility for errors Recognizes causes of lapses, such as fatigue, and modifies behavior or seeks help