

## **Neurology Milestones**

ACGME International, Inc. (ACGME-I)



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## **Neurology Milestones**

The Milestones are designed only for use in evaluation of residents and fellows in the context of their participation in ACGME-I-accredited residency and fellowship programs. The Milestones provide a framework for the assessment of the development of the resident or fellow in key dimensions of the elements of physician competence in a specialty or subspecialty. They neither represent the entirety of the dimensions of the six domains of physician competence, nor are they designed to be relevant in any other context.

## **Understanding Milestone Levels and Reporting**

This document presents the Milestones, which programs use in a semi-annual review of resident or fellow performance, and then report to the ACGME-I. Milestones are knowledge, skills, attitudes, and other attributes for each of the ACGME-I Competencies organized in a developmental framework. The narrative descriptions are targets for resident/fellow performance throughout the educational program.

Milestones are arranged into levels. Tracking from Level 1 to Level 5 is synonymous with moving from novice to expert resident or fellow in the specialty or subspecialty. For each reporting period, the Clinical Competency Committee will review the completed evaluations to select the milestone levels that best describe each learner's current performance, abilities, and attributes for each subcompetency.

These levels *do not* correspond with post-graduate year of education. Depending on previous experience, more junior residents/fellows may achieve higher levels early in their educational program just as more senior residents/fellows may be at a lower level later in their educational program. There is no predetermined timing for a resident or fellow to attain any particular level. Residents and fellows may also regress in achievement of their milestones. This may happen for many reasons, such as over-scoring in a previous review, a disjointed experience in a particular procedure, or a significant act by the resident/fellow.

Selection of a level implies the resident/fellow substantially demonstrates the milestones in that level, as well as those in lower levels (see the diagram on page v).

## **Additional Notes**

Level 4 is designed as a graduation *goal* but *does not* represent a graduation *requirement*. Making decisions about readiness for graduation and unsupervised practice is the purview of the program director. Furthermore, Milestones 2.0 include revisions and changes that preclude using the Milestones as a sole assessment in high-stakes decisions. Level 5 is designed to represent an expert resident or fellow whose achievements in a subcompetency are greater than the expectation. Milestones are primarily designed for formative, developmental purposes to support continuous quality improvement for individual learners, education programs, and the specialty. ACGME-I and its partners will continue to evaluate and perform research on the Milestones to assess their impact and value.

Examples are provided for some milestones within this document. Note: The examples are not the required element or outcome; they are provided as a way to share the intent of the element.

Some milestone descriptions include statements about performing independently. These activities must occur in conformance with ACGME-I supervision guidelines as described in the applicable Program Requirements, as well as with institutional and program policies. For example, a resident who performs a procedure independently must, at a minimum, be supervised through oversight.

A Supplemental Guide is also available to provide more context regarding the intent of each subcompetency, as well as examples for each level, assessment methods or tools, and other resources. The Supplemental Guide, like examples contained within the Milestones, is designed only to assist the program director and Clinical Competency Committee; it is not meant to demonstrate any required element or outcome.

The diagram below presents an example set of milestones for one subcompetency in the same format as the ACGME-I Report Worksheet. For each reporting period, a resident's/fellow's performance on the milestones within each subcompetency will be indicated by selecting the Milestones Level that best describes that individual's performance in relation to those milestones.

| Systems-Based Practice   | e 1: Patient Safety and Qual  | ity Improvement   |   |   |
|--|---|---|---|---|
| Level 1  | Level 2   | Level 3   | Level 4   | Level 5   |
| Demonstrates<br>knowledge of common<br>patient safety events   | Identifies system factors<br>that lead to patient safety<br>events  | Participates in analysis of patient safety events (simulated or actual)   | Conducts analysis of patient safety events and offers error prevention strategies (simulated or actual)     | Actively engages teams<br>and processes to modify<br>systems to prevent patient<br>safety events          |
| Demonstrates<br>knowledge of how to<br>report patient safety<br>events   | Reports patient safety<br>events through<br>institutional reporting<br>systems (simulated or<br>actual)               | Participates in disclosure of patient safety events to patients and their families (simulated or actual)              | Discloses patient safety<br>events to patients and<br>their families (simulated<br>or actual)               | Role models or mentors others in the disclosure of patient safety events                                  |
| Demonstrates<br>knowledge of basic<br>quality improvement<br>methodologies and<br>metrics  | Describes local quality improvement initiatives (e.g., community vaccination rate, infection rate, smoking cessation) | Participates in local quality improvement initiatives   | Demonstrates the skills required to identify, develop, implement, and analyze a quality improvement project | Creates, implements, and assesses quality improvement initiatives at the institutional or community level |
|  |   |   |   |   |
| Comments:  Not Yet Completed Level 1   |   |   |   |   |
| Selecting a responded in the second s | implies that<br>at level and in lower   | Selecting a response between levels indicated in lower levels have be demonstrated as well a milestones in the higher | es that milestones<br>en substantially<br>as <b>some</b>  |   |

| Patient Care 1: History                                  |  |  |  |  |  |
|--|--|--|--|--|--|
| Level 1  | Level 2  | Level 3  | Level 4  | Level 5  |  |
| Obtains a basic neurologic history                       | Obtains a complete and relevant neurologic history | Obtains an organized neurologic history, including collateral information as appropriate | Efficiently obtains an organized, hypothesis-driven neurologic history | Serves as a role model in obtaining a hypothesis-driven neurologic history |  |
|  |  |  |  |  |  |
| Comments:  Not Yet Completed Level 1  Not Yet Assessable |  |  |  |  |  |

| Patient Care 2: Neurologic Exam               |  |  |  |   |  |
|---|--|--|--|---|--|
| Level 1                                       | Level 2  | Level 3  | Level 4  | Level 5   |  |
| Performs some components of a neurologic exam | Performs a standard neurologic exam accurately | Performs a relevant neurologic exam incorporating additional appropriate maneuvers | Performs a hypothesis-<br>driven neurologic exam | Serves as a role model<br>for performing a<br>hypothesis-driven,<br>complete, relevant, and<br>organized neurologic<br>exam |  |
|   |  |  |  |   |  |
| Comments:                                     |  |  |  | ompleted Level 1 ssessable  |  |

| Patient Care 3: Formulation          |  |   |  |   |
|--------------------------------------|--|---|--|---|
| Level 1                              | Level 2  | Level 3   | Level 4  | Level 5   |
| Summarizes history and exam findings | Generates a broad<br>differential diagnosis<br>based on history, exam,<br>and localization | Synthesizes relevant information to focus and prioritize diagnostic possibilities | Continuously reconsiders diagnosis in response to changes in clinical circumstances and available data | Serves as a role model for clinical reasoning by demonstrating sophisticated formulation in complex presentations |
|                                      |  |   |  |   |
| Comments:                            |  |   | Not Yet C<br>Not Yet A   | ompleted Level 1  |

| Level 1   | Level 2   | Level 3   | Level 4  | Level 5   |
|---|---|---|--|---|
| Identifies typical<br>presentations of<br>commonly encountered<br>neurologic conditions | Diagnoses commonly encountered neurologic conditions                                      | Identifies atypical presentations of commonly encountered neurologic conditions   | Diagnoses uncommon neurologic conditions   | Identifies atypical presentations of uncommon neurologic conditions |
|   | Develops an initial<br>treatment plan for<br>commonly encountered<br>neurologic disorders | Individualizes management and follow- up plan for commonly encountered neurologic disorders, considering risks, benefits, and non- pharmacologic strategies | Adapts management<br>plan based upon patient<br>response and<br>complications of<br>therapy; identifies when<br>to change acuity of care | Longitudinally manages uncommon neurologic conditions               |
|   |   |   |  |   |

| Level 1   | Level 2  | Level 3  | Level 4   | Level 5  |
|---|--|--|---|--|
| Identifies typical<br>presentations of<br>commonly encountered<br>neurologic conditions | Diagnoses commonly encountered neurologic conditions                             | Identifies atypical presentations of commonly encountered neurologic conditions                                      | Diagnoses uncommon neurologic conditions  | Identifies atypical presentations of uncommon neurologic conditions              |
|   | Develops an initial treatment plan for commonly encountered neurologic disorders | Individualizes management plan, ensuring the appropriate level of care throughout hospitalization and upon discharge | Adapts management plan based upon treatment response, disease progression, and complications of therapy | Leads the management of patients with complex and uncommon neurologic conditions |
|   |  |  |   |  |

| Patient Care 6: Diagnosis and Management of Neurologic Emergencies           |  |   |   |   |
|--|--|---|---|---|
| Level 1  | Level 2  | Level 3   | Level 4   | Level 5   |
| Describes the typical presentation of neurologic emergencies                 | Recognizes when a patient's presentation is a neurologic emergency | Diagnoses neurologic<br>emergencies, using<br>appropriate diagnostic<br>testing | Re-appraises diagnostic considerations based on treatment response, disease progression, and complications of therapy | Serves as a role model for management of neurologic emergencies |
| Seeks assistance and conveys pertinent details during a neurologic emergency | Initiates management for a neurologic emergency                    | Manages patients with common neurologic emergencies                             | Manages complex neurologic emergencies  |   |
|  |  |   |   |   |
| Comments:  Not Yet Completed Level 1  Not Yet Assessable                     |  |   |   |   |

| Patient Care 7: Determination of Death by Neurologic Criteria  |   |   |   |   |  |
|--|---|---|---|---|--|
| Level 1  | Level 2   | Level 3   | Level 4   | Level 5   |  |
| Demonstrates<br>knowledge of medical<br>and legal significance of<br>death by neurologic<br>criteria | Lists the components for determining death by neurologic criteria | Describes supplemental testing used to determine death by neurologic criteria | Accurately performs determination of death by neurologic criteria | Educates others in the determination of death by neurologic criteria, including appropriate use of supplemental testing, as well as controversies |  |
|  |   |   |   |   |  |
| Comments:  Not Yet Completed Level 1  Not Yet Assessable   |   |   |   |   |  |

| Patient Care 8: Interpretation of Neuroimaging  |   |   |   |                                  |  |
|---|---|---|---|----------------------------------|--|
| Level 1   | Level 2   | Level 3   | Level 4   | Level 5                          |  |
| Identifies basic neuroanatomy on brain and vascular anatomy of the head and neck magnetic resonance (MR) and computed tomography (CT) | Identifies major abnormalities of the brain and cerebrovascular system on MR and CT  Identifies basic anatomy of the spine and spinal cord on MR and CT | Interprets typical abnormalities of the brain and cerebrovascular system on MR and CT  Identifies abnormalities of the spine and spinal cord on MR and CT | Interprets subtle abnormalities of brain and cerebrovascular system on MR and CT  Interprets MR and CT of the spine | Interprets advanced neuroimaging |  |
|   |   |   |   |                                  |  |
| Comments:  Not Yet Completed Level 1  Not Yet Assessable  |   |   |   |                                  |  |

| Patient Care 9: Electroencephalogram (EEG)      |  |   |  |  |  |
|---|--|---|--|--|--|
| Level 1   | Level 2  | Level 3   | Level 4  | Level 5  |  |
| Identifies patients for whom EEG is appropriate | Recognizes normal EEG features, including common artifacts, in children and adults | Recognizes patterns of<br>status epilepticus, normal<br>EEG variants, and<br>common abnormalities in<br>children and adults | Interprets common EEG abnormalities and patterns that could represent status epilepticus | Interprets uncommon<br>EEG abnormalities and<br>creates a report |  |
|   |  |   |  |  |  |
| Comments:                                       |  |   | Not Yet Co<br>Not Yet A  | ompleted Level 1   |  |

| Patient Care 10: Nerve Conduction Study/Electromyogram (NCS/EMG) |  |   |   |  |  |
|--|--|---|---|--|--|
| Level 1  | Level 2  | Level 3   | Level 4   | Level 5  |  |
| Identifies patients for whom NCS/EMG is appropriate              | Identifies NCS/EMG findings for common disorders | Correlates NCS/EMG results to patient presentation, including identification of potential study limitations | Formulates basic<br>NCS/EMG plan and<br>interprets data for<br>common clinical<br>presentations | Performs, interprets, and creates a report for NCS/EMG |  |
|  |  |   |   |  |  |
| Comments:  |  |   |   | ompleted Level 1                                       |  |

| Patient Care 11: Lumbar Puncture   |   |   |   |   |  |
|--|---|---|---|---|--|
| Level 1  | Level 2   | Level 3   | Level 4   | Level 5                                       |  |
| Lists the indications,<br>contraindications, and<br>complications for lumbar<br>puncture | Performs lumbar puncture under direct supervision | Performs lumbar puncture without direct supervision and manages complications | Performs lumbar puncture on patients with challenging anatomy | Performs lumbar puncture using image guidance |  |
|  |   |   |   |   |  |
| Comments:  |   |   | Not Yet Co  | ompleted Level 1                              |  |

| Patient Care 12: Psychiatric and Functional Aspects of Neurology  |  |  |  |  |
|---|--|--|--|--|
| Level 1   | Level 2  | Level 3  | Level 4  | Level 5  |
| Recognizes contributions<br>of common psychiatric<br>disorders and their<br>treatment to neurologic<br>diseases | Develops a treatment<br>plan that considers<br>psychiatric comorbidities<br>and side effects of<br>psychiatric medications | Accurately differentiates psychiatric or functional contributions to neurologic symptoms | Leads a discussion with a patient and/or caregiver that explains the psychiatric or functional contribution to the patient's neurologic symptoms | Develops a shared management plan that addresses the psychiatric or functional contribution to neurologic symptoms |
|   |  |  |  |  |
| Comments:   |  |  | Not Yet Co<br>Not Yet A  | ompleted Level 1   |

| Medical Knowledge 1: Localization                           |  |   |  |  |
|---|--|---|--|--|
| Level 1   | Level 2  | Level 3   | Level 4  | Level 5  |
| Recognizes the role of localization in neurologic diagnosis | Localizes lesions to<br>general regions of the<br>nervous system | Localizes lesions to specific regions of the nervous system | Localizes lesions to discrete structures of the nervous system | Consistently demonstrates sophisticated and detailed knowledge of neuroanatomy in localizing lesions |
|   |  |   |  |  |
| Comments:   |  |   | Not Yet Co   | ompleted Level 1   |

| Medical Knowledge 2: D   | iagnostic Investigation  |  |   |  |
|--|--|--|---|--|
| Level 1  | Level 2  | Level 3  | Level 4   | Level 5  |
| Discusses a general diagnostic approach appropriate to clinical presentation | Lists indications,<br>contraindications, risks,<br>and benefits of diagnostic<br>testing | Prioritizes and interprets diagnostic tests appropriate to clinical urgency and complexity | Uses complex diagnostic approaches in uncommon situations | Demonstrates sophisticated knowledge of diagnostic testing and controversies |
|  |  |  |   |  |
| Comments:  |  |  | Not Yet C<br>Not Yet A                                    | ompleted Level 1   |

| Systems-Based Practice 1: Patient Safety and Quality Improvement                          |   |  |   |   |
|---|---|--|---|---|
| Level 1   | Level 2   | Level 3  | Level 4   | Level 5   |
| Demonstrates<br>knowledge of common<br>patient safety events                              | Identifies system factors that lead to patient safety events  | Participates in analysis of patient safety events (simulated or actual)                                  | Conducts analysis of patient safety events and offers error prevention strategies (simulated or actual)     | Actively engages teams and processes to modify systems to prevent patient safety events                   |
| Demonstrates<br>knowledge of how to<br>report patient safety<br>events                    | Reports patient safety<br>events through<br>institutional reporting<br>systems (simulated or<br>actual)               | Participates in disclosure of patient safety events to patients and their families (simulated or actual) | Discloses patient safety<br>events to patients and<br>their families (simulated<br>or actual)               | Role models or mentors others in the disclosure of patient safety events                                  |
| Demonstrates<br>knowledge of basic<br>quality improvement<br>methodologies and<br>metrics | Describes local quality improvement initiatives (e.g., community vaccination rate, infection rate, smoking cessation) | Participates in local quality improvement initiatives  | Demonstrates the skills required to identify, develop, implement, and analyze a quality improvement project | Creates, implements, and assesses quality improvement initiatives at the institutional or community level |
|   |   |  |   |   |
| Comments:   | Comments:  Not Yet Completed Level 1  |  |   |   |

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

| Level 1  | Level 2  | Level 3   | Level 4   | Level 5  |
|--|--|---|---|--|
| Identifies key components of the complex health care system (e.g., hospital, skilled nursing facility, finance, personnel, technology) | Describes how components of a complex health care system are interrelated, and how this impacts patient care | Discusses how individual practice affects the broader system (e.g., length of stay, readmission rates, clinical efficiency) | Manages various components of the complex health care system to provide efficient and effective patient care and transition of care | Advocates for or leads systems change that enhances high value, efficient, and effective patient care and transition of care |
| Describes the principles of cost-effective care  | Delivers care with consideration of each patient's payment model   | Engages with patients in<br>shared decision making,<br>informed by cost-effective<br>care principles                        | Advocates for patient care needs (e.g., community resources, patient assistance resources) regardless of ability to pay             | Participates in health policy advocacy activities  |
|  |  |   |   |  |

| Practice-Based Learning  | and Improvement 1: Evide  | nce-Based and Informed P   | ractice   |   |
|--|---|--|---|---|
| Level 1  | Level 2   | Level 3  | Level 4   | Level 5   |
| Demonstrates how to access and use available evidence, and incorporate patient preferences and values in order to take care of a routine patient | Articulates clinical questions and elicits patient preferences and values in order to guide evidence-based care | Locates and applies the best available evidence, integrated with patient preference, to the care of complex patients | Critically appraises and applies evidence, even in the face of uncertainty and conflicting evidence, to guide care tailored to the individual patient | Coaches others to critically appraise and apply evidence for complex patients, and/or participates in the development of guidelines |
|  |   |  |   |   |
| Comments:  |   |  | Not Yet C   | completed Level 1   |

| Practice-Based Learning   | and Improvement 2: Refle  | ctive Practice and Commit   | ment to Personal Growth   |  |
|---|---|---|---|--|
| Level 1   | Level 2   | Level 3   | Level 4   | Level 5  |
| Accepts responsibility for personal and professional development by establishing goals        | Demonstrates openness<br>to performance data<br>(feedback and other input)<br>in order to inform goals                  | Seeks performance data episodically, with adaptability and humility   | Intentionally seeks performance data consistently, with adaptability and humility                                     | Role models consistently seeking performance data with adaptability and humility |
| Identifies the factors which contribute to gap(s) between expectations and actual performance | Analyzes and reflects on<br>the factors which<br>contribute to gap(s)<br>between expectations and<br>actual performance | Analyzes, reflects on, and institutes behavioral change(s) to narrow the gap(s) between expectations and actual performance | Challenges assumptions and considers alternatives in narrowing the gap(s) between expectations and actual performance | Coaches others on reflective practice  |
| Actively seeks opportunities to improve   | Designs and implements a learning plan, with prompting  | Independently creates<br>and implements a<br>learning plan  | Uses performance data to measure the effectiveness of the learning plan and, when necessary, improves it              | Facilitates the design and implementation of learning plans for others           |
|   |   |   |   |  |
| Comments:   |   |   | Not Yet C   | completed Level 1  |

| Level 1  | Level 2   | Level 3   | Level 4   | Level 5   |
|--|---|---|---|---|
| Identifies and describes<br>potential triggers for<br>professionalism lapses   | Demonstrates insight into professional behavior in routine situations | Demonstrates professional<br>behavior in complex or<br>stressful situations       | Recognizes situations<br>that may trigger<br>professionalism lapses<br>and intervenes to prevent<br>lapses in self and others               | Coaches others when their behavior fails to meet professional expectations                                      |
| Describes when and how to appropriately report professionalism lapses, including strategies for addressing common barriers   | Takes responsibility for own professionalism lapses                   | Recognizes need to seek help in managing and resolving complex ethical situations | Recognizes and utilizes appropriate resources for managing and resolving ethical dilemmas as needed (e.g., ethics consultations, literature | Identifies and seeks to address system-level factors that induce or exacerbate ethical problems or impede their |
| Demonstrates knowledge of the ethical principles underlying informed consent, surrogate decision making, advance directives, confidentiality, error disclosure, stewardship of limited resources, and related topics | Analyzes straightforward situations using ethical principles          | Analyzes complex situations using ethical principles                              | review, risk management/legal consultation)   | resolution  |
|  |   |   |   |   |

| Professionalism 2: Acco  | untability/Conscientiousne  | ss   |   |                                    |
|--|---|--|---|------------------------------------|
| Level 1  | Level 2   | Level 3  | Level 4   | Level 5                            |
| Takes responsibility for failure to complete tasks and responsibilities, identifies potential contributing factors, and describes strategies for ensuring timely task completion in the future | Performs tasks and responsibilities in a timely manner with appropriate attention to detail in routine situations       | Performs tasks and responsibilities in a timely manner with appropriate attention to detail in complex or stressful situations | Recognizes situations<br>that may impact others'<br>ability to complete tasks<br>and responsibilities in a<br>timely manner | Takes ownership of system outcomes |
| Responds promptly to requests or reminders to complete tasks and responsibilities  | Recognizes situations that<br>may impact own ability to<br>complete tasks and<br>responsibilities in a timely<br>manner | Proactively implements strategies to ensure that the needs of patients, teams, and systems are met                             |   |                                    |
|  |   |  |   |                                    |
| Comments:  |   |  | Not Yet C   | ompleted Level 1                   |

| Professionalism 3: Self-Awareness and Help-Seeking                         |  |   |  |   |  |
|--|--|---|--|---|--|
| Level 1  | Level 2  | Level 3   | Level 4  | Level 5   |  |
| Recognizes status of personal and professional well-being, with assistance | Independently recognizes status of personal and professional well-being  | With assistance, proposes<br>a plan to optimize<br>personal and professional<br>well-being                          | Independently develops<br>a plan to optimize<br>personal and<br>professional well-being                          | Coaches others when<br>emotional responses or<br>limitations in knowledge/<br>skills do not meet<br>professional expectations |  |
| Recognizes limits in the knowledge/skills of self or team, with assistance | Independently recognizes limits in the knowledge/ skills of self or team and demonstrates appropriate help-seeking behaviors | With assistance, proposes<br>a plan to remediate or<br>improve limits in the<br>knowledge/skills of self or<br>team | Independently develops<br>a plan to remediate or<br>improve limits in the<br>knowledge/skills of self<br>or team |   |  |
|  |  |   |  |   |  |
| Comments:  |  |   | Not Yet C  | ompleted Level 1  |  |

| Level 1  | Level 2   | Level 3  | Level 4   | Level 5   |
|--|---|--|---|---|
| Uses language and<br>nonverbal behavior to<br>demonstrate respect and<br>establish rapport   | Establishes a therapeutic relationship in straightforward encounters using active listening and clear language  | Establishes a therapeutic relationship in challenging patient encounters   | Easily establishes therapeutic relationships, with attention to patient/ family concerns and context, regardless of complexity                            | Mentors others in situational awareness and critical self-reflection to consistently develop positive therapeutic relationships |
| Identifies common barriers to effective communication (e.g., language, disability) while accurately communicating own role within the health care system                 | Identifies complex barriers<br>to effective communication<br>(e.g., health literacy,<br>cultural)   | When prompted, reflects on personal biases while attempting to minimize communication barriers   | Independently recognizes personal biases while attempting to proactively minimize communication barriers  | Role models self-<br>awareness while identifying<br>a contextual approach to<br>minimize communication<br>barriers              |
| Identifies the need to adjust communication strategies based on assessment of patient/family expectations and understanding of their health status and treatment options | Organizes and initiates communication with patient/family by introducing stakeholders, setting the agenda, clarifying expectations, and verifying understanding of the clinical situation | With guidance, sensitively and compassionately delivers medical information, elicits patient/ family values, goals, and preferences, and acknowledges uncertainty and conflict | Independently, uses shared decision making to align patient/family values, goals, and preferences with treatment options to make a personalized care plan | Role models shared decision making in patient/family communication, including those with a high degree of uncertainty/conflict  |
|  |   |  |   |   |

| Interpersonal and Communication Skills 2: Interprofessional and Team Communication |  |  |   |   |  |
|--|--|--|---|---|--|
| Level 1  | Level 2  | Level 3  | Level 4   | Level 5   |  |
| Respectfully requests a consultation   | Clearly and concisely requests a consultation                          | Checks own understanding of consultant recommendations               | Coordinates recommendations from different members of the health care team to optimize patient care | Role models flexible<br>communication strategies<br>that value input from all<br>health care team<br>members, resolving<br>conflict when needed |  |
| Respectfully receives a consultation request                                       | Clearly and concisely responds to a consultation request               | Checks understanding of recommendations when providing consultation  |   |   |  |
| Uses language that values all members of the health care team                      | Communicates information effectively with all health care team members | Uses active listening to adapt communication style to fit team needs |   |   |  |
|  | Solicits feedback on performance as a member of the health care team   | Communicates concerns and provides feedback to peers and learners    | Communicates<br>feedback and<br>constructive criticism to<br>superiors                              | Facilitates regular health care team-based feedback in complex situations   |  |
|  |  |  |   |   |  |
| Comments:  Not Yet Completed Level 1   |  |  |   |   |  |

| Level 1  | Level 2   | Level 3   | Level 4   | Level 5  |
|--|---|---|---|--|
| Accurately records information in the patient record   | Demonstrates organized diagnostic and therapeutic reasoning through notes in the patient record   | Concisely reports diagnostic and therapeutic reasoning in the patient record  | Communicates clearly, concisely, timely, and in an organized written form, including anticipatory guidance                          | Models feedback to improve others' written communication   |
| Safeguards patient<br>personal health<br>information   | Demonstrates accurate, timely, and appropriate use of documentation shortcuts  Documents required data in formats specified by institutional policy | Appropriately selects direct (e.g., telephone, inperson) and indirect (e.g., progress notes, text messages) forms of communication based on context | Achieves written or<br>verbal communication<br>(e.g., patient notes,<br>email) that serves as an<br>example for others to<br>follow | Guides departmental or institutional communication around policies and procedures  |
| Communicates through appropriate channels as required by institutional policy (e.g., patient safety reports, cell phone/pager usage) | Respectfully communicates concerns about the system   | Uses appropriate channels to offer clear and constructive suggestions to improve the system   | Initiates difficult conversations with appropriate stakeholders to improve the system   | Facilitates dialogue<br>regarding systems issues<br>among larger community<br>stakeholders (institution,<br>health care system, field) |
|  |   |   |   |  |