

Anesthesiology Levels of Care

Procedure/Skill	Level of Care	Supervision	Milestone	Milestone Level	Competency
Identifies disease processes and medical or surgical issues relevant to subspecialty anesthetic care	PGY 3 (CA-2)	Indirect	1	1	Patient Care
May require guidance in identifying unusual clinical problems and their implications for anesthesia care	PGY 3 (CA-2)	Direct	1	1	Patient Care
Optimizes preparation of patients with complex problems or requiring subspecialty anesthesia care	PGY 3 (CA-2)	Indirect	1	1	Patient Care
Obtains appropriate informed consent tailored to subspecialty care or complicated clinical situations	PGY 3 (CA-2)	Indirect	1	1	Patient Care
Formulates anesthetic plans for patients undergoing common subspecialty procedures that include consideration of medical, anesthetic, and surgical risk factors, and that take into consideration a patient's anesthetic preference	PGY 3 (CA-2)	Indirect	1	1	Patient Care
Conducts subspecialty anesthetics for simple cases & patients	PGY 3 (CA-2)	Indirect	1	1	Patient Care
Conducts subspecialty anesthetics for complex procedures & patients	PGY 3 (CA-2)	Direct	1	1	Patient Care
Manages complex peri-procedural pain; consults with a pain medicine specialist when appropriate	PGY 3 (CA-2)	Direct/Indirect	1	1	Patient Care
Identifies and manages peri-anesthetic complications unique to subspecialty or medically complex patients, and requests appropriate consultations	PGY 3 (CA-2)	Direct/Indirect	1	1	Patient Care
Identifies and manages clinical crises in simple cases; may require direct supervision in complex situations	PGY 3 (CA-2)	Direct/Indirect	1	1	Patient Care

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In non-operative room settings/ICU Cases identifies appropriate care setting and coordinates patient's disposition	PGY 3 (CA-2)	Direct	1	1	Patient Care
Prioritizes clinical management of clinical problems in non-operative/ICU settings	PGY 3 (CA-2)	Indirect	1	1	Patient Care
Formulates differential diagnoses of acute and chronic pain syndromes; identifies appropriate diagnostic evaluation	PGY 3 (CA-2)	Indirect	1	1	Patient Care
Participates in complex procedures (e.g., thoracic ESI, medial branch blocks, radiofrequency procedures, sympathetic blocks) for alleviating acute, chronic, or cancer-related pain	PGY 3 (CA-2)	Direct	1	1	Patient Care
Prescribes initial therapy for pain medication, and adjusts ongoing medication regimens in pain management	PGY 3 (CA-2)	Indirect	1	1	Patient Care
uses ultrasound and fluoroscopy with direct supervision	PGY 3 (CA-2)	Direct	1	1	Patient Care
Prepares appropriate equipment and supplies for management of difficult airways, including cricothyroidotomy	PGY 3 (CA-2)	Direct/Indirect	1	1	Patient Care
Performs advanced airway management techniques, including awake intubations, fiberoptic intubations, and lung isolation techniques	PGY 3 (CA-2)	Direct	1	1	Patient Care
Inserts arterial catheters with conditional independence and central venous catheters	PGY 3 (CA-2)	Indirect	1	1	Patient Care
Performs advanced monitoring techniques for assessing cardiac function (e.g., pulmonary artery catheterization, transesophageal echocardiography) with direct supervision	PGY 3 (CA-2)	Direct	1	1	Patient Care

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Applies data from advanced monitoring devices (e.g., electroencephalogram [EEG], motor evoked potentials [MEPs], somatosensory evoked potentials [SSEPs], fetal monitors)	PGY 3 (CA-2)	Indirect	1	1	Patient Care
Recognizes and appropriately troubleshoots malfunctions of advanced monitoring equipment	PGY 3 (CA-2)	Indirect	1	1	Patient Care
Performs peripheral nerve blocks and regional anesthesia, including both upper and lower extremity blocks and thoracic epidurals	PGY 3 (CA-2)	Direct	1	1	Patient Care
Uses ultrasound or nerve stimulator guided techniques appropriately	PGY 3 (CA-2)	Direct	1	1	Patient Care
Performs common pediatric regional anesthetics (e.g., caudal blockade)	PGY 3 (CA-2)	Direct	1	1	Patient Care
Recognizes problems or complications associated with regional anesthesia and manages them	PGY 3 (CA-2)	Direct/Indirect	1	1	Patient Care
Prioritizes multiple patient care activities with indirect supervision for patients undergoing common subspecialty procedures	PGY 3 (CA-2)	Indirect	3	3	System Based Practice
Describes and participates in systems and procedures that promote patient safety	PGY 3 (CA-2)	Indirect	3	3	System Based Practice
Identifies adverse events and near misses related to subspecialty rotations, and modifies personal practice to minimize likelihood of recurrence of adverse events related to sub-specialty anesthesia care	PGY 3 (CA-2)	Indirect	4	4	Practice Based Learning & Improvement
Effectively explains subspecialty anesthetic care to patients and their families	PGY 3 (CA-2)	Indirect	4	4	Practice Based Learning & Improvement
Completes tasks reliably in complex clinical situations or unfamiliar environments, utilizing available resources	PGY 3 (CA-2)	Indirect	5	5	Professionalism

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Identifies options to address issues of importance to diverse patient populations, and creates strategies to provide care when patient access or resources are limited	PGY 3 (CA-2)	Indirect	5	5	Professionalism
Addresses ethical issues in complex and challenging circumstances, including in the subspecialties of anesthesiology	PGY 3 (CA-2)	Indirect	5	5	Professionalism
Communicates challenging information and addresses complex circumstances	PGY 3 (CA-2)	Indirect	6	6	Interpersonal & Communication Skills
Consults appropriate institutional resources	PGY 3 (CA-2)	Indirect	6	6	Interpersonal & Communication Skills
Negotiates and manages patient and family conflicts in complex situations (e.g., psychiatric issues, blood transfusions, cultural factors)	PGY 3 (CA-2)	Indirect	6	6	Interpersonal & Communication Skills
Adapts communication to the unique circumstances, such as crisis management and	PGY 3 (CA-2)	Indirect	6	6	Interpersonal & Communication Skills
Coordinates team-based care in routine circumstances	PGY 3 (CA-2)	Indirect	6	6	Interpersonal & Communication Skills
Identifies disease processes and medical issues relevant to anesthetic care	PGY 2 (CA-1)	Indirect	1	1	Patient Care
Optimizes preparation of non-complex patients receiving anesthetic care	PGY 2 (CA-1)	Indirect	1	1	Patient Care
Obtains informed consent for routine anesthetic care; discusses likely risks, benefits, and alternatives in a straightforward manner; responds appropriately to patient's or surrogate's questions; recognizes when assistance is needed	PGY 2 (CA-1)	Indirect	1	1	Patient Care
Formulates anesthetic plans for patients undergoing routine procedures that include consideration of underlying clinical conditions, past medical history, patient, anesthetic, and surgical risk factors, and patient choice	PGY 2 (CA-1)	Indirect	1	1	Patient Care

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Conducts routine anesthetics, including management of commonly encountered physiologic alterations associated with anesthetic care, with indirect supervision	PGY 2 (CA-1)	Indirect	1	1	Patient Care
Manages uncomplicated peri-procedural pain with indirect supervision	PGY 2 (CA-1)	Indirect	1	1	Patient Care
Manages complicated per-procedural pain	PGY 2 (CA-1)	Direct	1	1	Patient Care
Performs post-anesthetic assessment to identify complications of anesthetic care	PGY 2 (CA-1)	Indirect	1	1	Patient Care
Begins initial management of peri-anesthetic complications	PGY 2 (CA-1)	Direct	1	1	Patient Care
Constructs prioritized differential diagnoses that include the most likely etiologies for acute clinical deterioration & initiates treatment	PGY 2 (CA-1)	Direct/Indirect	1	1	Patient Care
Identifies relevant critical disease processes requiring urgent or emergent intervention in non-operative setting	PGY 2 (CA-1)	Indirect	1	1	Patient Care
Complex ICU Care; Develops, implements, and appropriately modifies treatment plan	PGY 2 (CA-1)	Direct	1	1	Patient Care
Diagnoses common acute and chronic pain syndromes; evaluates efficacy of current medication regiment	PGY 2 (CA-1)	Indirect	1	1	Patient Care
Implements non-interventional pain treatment plans	PGY 2 (CA-1)	Indirect	1	1	Patient Care
Performs simple interventional pain procedures (e.g., trigger point injections, scar injections, lumbar interlaminar epidural steroid injection [ESI], intravenous [IV] regional blocks)	PGY 2 (CA-1)	Direct	1	1	Patient Care
Identifies structures seen on ultrasound and basic fluoroscopy	PGY 2 (CA-1)	Direct	1	1	Patient Care

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Applies knowledge of the American Society of Anesthesiologist (ASA) difficult airway algorithm to prepare equipment and supplies for airway management	PGY 2 (CA-1)	Indirect	1	1	Patient Care
Performs basic airway management in patients with normal airways, including endotracheal intubation, supraglottic airways, and videolaryngoscopy	PGY 2 (CA-1)	Direct	1	1	Patient Care
Recognizes need for assistance and/or equipment and seeks help	PGY 2 (CA-1)	Indirect	1	1	Patient Care
Performs pre-anesthetic equipment and machine checks	PGY 2 (CA-1)	Indirect	1	1	Patient Care
Inserts arterial and central venous catheters with direct supervision	PGY 2 (CA-1)	Direct	1	1	Patient Care
Demonstrates use of ultrasound for placement of invasive catheters	PGY 2 (CA-1)	Direct	1	1	Patient Care
Interprets data from arterial and central venous catheters	PGY 2 (CA-1)	Direct/Indirect	1	1	Patient Care
Recognizes and appropriately troubleshoots malfunctions of standard ASA monitoring equipment and anesthesia machines	PGY 2 (CA-1)	Direct/Indirect	1	1	Patient Care
Applies appropriate monitors and prepares resuscitative equipment prior to performing regional anesthesia procedures	PGY 2 (CA-1)	Indirect	1	1	Patient Care
Performs spinal and epidural anesthesia under direct supervision	PGY 2 (CA-1)	Direct	1	1	Patient Care
Recognizes problems or complications associated with regional anesthesia	PGY 2 (CA-1)	Direct	1	1	Patient Care
Prioritizes multiple patient care activities with indirect supervision for routine procedures	PGY 2 (CA-1)	Indirect	3	3	Medical Knowledge
Participates in team-based actions designed to enhance patient safety, (e.g., briefings, closed-loop communication)	PGY 2 (CA-1)	Indirect	3	3	Medical Knowledge

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Identifies patient safety issues within one's practice, and develops a quality improvement plan to address deficiencies w	PGY 2 (CA-1)	Direct	4	4	Practice Based Learning & Improvement
Identifies adverse events and near misses	PGY 2 (CA-1)	Indirect	4	4	Practice Based Learning & Improvement
Modifies personal practice to minimize likelihood of recurrence of adverse events related to routine anesthesia care	PGY 2 (CA-1)	Indirect	4	4	Practice Based Learning & Improvement
Explains anesthetic care to patients and their families	PGY 2 (CA-1)	Indirect	4	4	Practice Based Learning & Improvement
Completes routine tasks reliably in uncomplicated circumstances with indirect supervision	PGY 2 (CA-1)	Indirect	5	5	Professionalism
Identifies issues of importance to diverse patient populations and how limited resources may impact patient care and resource allocation	PGY 2 (CA-1)	Indirect	5	5	Professionalism
Addresses ethical issues common to anesthesiology with direct supervision (e.g., Jehovah's Witnesses)	PGY 2 (CA-1)	Direct	5	5	Professionalism
Ensures that communication of information requiring the assistance of another individual occurs in a timely and effective manner	PGY 2 (CA-1)	Indirect	6	6	Interpersonal & Communication Skills
Negotiates simple patient and family conflicts	PGY 2 (CA-1)	Indirect	6	6	Interpersonal & Communication Skills
Participates in root cause analysis for issues regarding patients for whom he or she has provided care	PGY 2 (CA-1)	Direct	6	6	Interpersonal & Communication Skills
Discloses medical errors or complications independently as allowed by their institution, if not allowed by their institution demonstrates the ability to disclose medical errors or complications independently, e.g. simulation patient experiences	PGY 2 (CA-1)	Direct	6	6	Interpersonal & Communication Skills

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Effectively communicates relevant patient issues during transitions or transfers of care	PGY 2 (CA-1)	Indirect	6	6	Interpersonal & Communication Skills
Uses the medical record to document medical decision making and facilitate patient care	PGY 2 (CA-1)	Indirect	6	6	Interpersonal & Communication Skills
Documentation is clear and concise, addressing key issues relevant to the care of the patient	PGY 2 (CA-1)	Indirect	6	6	Interpersonal & Communication Skills
Identifies the care team member with appropriate expertise to address a clinical issue	PGY 2 (CA-1)	Indirect	6	6	Interpersonal & Communication Skills
Participates actively in team-based conferences or meetings related to patient care	PGY 2 (CA-1)	Direct	6	6	Interpersonal & Communication Skills
Performs general histories and physical examinations	PGY 1	Indirect	1	1	Patient Care
Identifies clinical issues relevant to anesthetic care	PGY 1	Direct	1	1	Patient Care
Identifies the elements and process for informed consent	PGY 1	Indirect	1	1	Patient Care
Formulates patient care plans that include consideration of underlying clinical conditions, past medical history, and patient medical, or surgical risk factors	PGY 1	Indirect	1	1	Patient Care
Recognizes and initiates management of common pain states & seeks advice for non-routine therapies	PGY 1	Direct/Indirect	1	1	Patient Care
Performs patient assessments and identifies complications associated with patient care; initial management of complications	PGY 1	Direct	1	1	Patient Care
Recognizes acutely ill or medically deteriorating patients; initiates basic medical care for common acute events; calls for help appropriately	PGY 1	Direct	1	1	Patient Care

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Performs a focused evaluations of the critically-ill patient; monitors patient's clinical status to identify acute changes and trends; communicates pertinent findings to supervisor	PGY 1	Direct/Indirect	1,4	1	Patient Care
Participates in development and initiation of a treatment plan	PGY 1	Direct/Indirect	1	1	Patient Care
Performs targeted history and physical examination for patients with pain; including the use of common pain scales	PGY 1	Indirect	1	1	Patient Care
Initiates non-interventional, routine therapy for common pain problems	PGY 1	Indirect	1	1	Patient Care
Recognizes airway patency and adequacy of ventilation base on clinical assessment	PGY 1	Direct/Indirect	1	1	Patient Care
Position patient for airway management; places oral and nasal airways; performs bag-valve-mask ventilation	PGY 1	Direct/Indirect	1	1	Patient Care
Demonstrates the correct use of standard monitoring devices; including blood pressure cuff, (EKG), pulse oximeter, and temperature monitors	PGY 1	Indirect	1	1	Patient Care
Interprets data from standard monitoring devices, including recognition of artifacts	PGY 1	Direct/Indirect	1	1	Patient Care
Demonstrates sterile technique	PGY 1	Direct/Indirect	1	1	Patient Care
Administers infiltrative local anesthetics for procedures	PGY 1	Direct	1	1	Patient Care
Identifies physiologic changes associated with local anesthesia administration and seeks help appropriately	PGY 1	Direct/Indirect	1	1	Patient Care
Identifies the roles of patients, families, health care providers and systems in health care delivery and outcomes	PGY 1	Indirect	3	3	System Based Practice
Identifies priorities when caring for multiple patients	PGY 1	Indirect	3	3	System Based Practice

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Coordinates the care of an individual patient within the health care system effectively and safely	PGY 1	Indirect	3	3	System Based Practice
Participates in established institutional safety initiatives	PGY 1	Indirect	3	3	System Based Practice
Follows institutional safety policies, including reporting of problematic behaviors or processes, errors, near misses, and complications	PGY 1	Indirect	3	3	System Based Practice
Incorporates national standards and guidelines into patient care	PGY 1	Indirect	3	3	System Based Practice
Has knowledge that patient safety issues exist in medicine and that they should be prevented (e.g., drug errors, wrong site surgery)	PGY 1	Indirect	4	4	Practice Based Learning & Improvement
Identifies critical incidents or potentially harmful events pertaining to one's patients, and brings them to the attention of the supervisor	PGY 1	Direct/Indirect	4	4	Practice Based Learning & Improvement
Discusses medical plans and responds to questions from patients and their families	PGY 1	Direct/Indirect	4	4	Practice Based Learning & Improvement
Acknowledges limits and seeks assistance from supervisor	PGY 1	Direct/Indirect	4	4	Practice Based Learning & Improvement
Acts responsibly and reliably with commitment to patient care as expected for level of experience	PGY 1	Indirect	5	5	Professionalism
Completes most assigned clinical tasks on time, but may occasionally require direct supervision	PGY 1	Direct/Indirect	5	5	Professionalism
Recognizes a patient's right to confidentiality, privacy, and autonomy, and treats patients and their families with compassion and respect	PGY 1	Indirect	5	5	Professionalism

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Seeks assistance appropriate to the needs of the clinical situation while taking into consideration one's own experience and knowledge	PGY 1	Indirect	5	5	Professionalism
Displays sensitivity and respect for the needs of diverse patient populations and challenges associated with limited access to health care	PGY 1	Indirect	5	5	Professionalism
Addresses ethical issues relevant to entry-level rotations with direct supervision	PGY 1	Direct	5	5	Professionalism
Takes responsibility for the care they provide and seeks help appropriately	PGY 1	Indirect	5	5	Professionalism
Demonstrates empathy for patients and their families	PGY 1	Indirect	6	6	Interpersonal & Communication Skills
Communicates routine information in straight forward circumstances with indirect supervision	PGY 1	Indirect	6	6	Interpersonal & Communication Skills
Recognizes situations where communication of information requires the assistance of another individual and asks for help	PGY 1	Direct/Indirect	6	6	Interpersonal & Communication Skills
Identifies situations where patient and family conflicts exist and appropriately seeks assistance with resolution	PGY 1	Direct/Indirect	6	6	Interpersonal & Communication Skills
Discloses medical errors or complications	PGY 1	Direct	6	6	Interpersonal & Communication Skills
Identifies interpersonal conflicts and ineffective communication with other members of the health care team, and participates in their resolution as appropriate to level of education	PGY 1	Direct	6	6	Interpersonal & Communication Skills
Communicates patient status to supervisors and other providers effectively, including during hand-offs and transitions of patient care	PGY 1	Indirect	6	6	Interpersonal & Communication Skills

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Provides legible, accurate, complete, and timely documentation in written and electronic forms	PGY 1	Indirect	6	6	Interpersonal & Communication Skills
Respects patient privacy in all environments	PGY 1	Indirect	6	6	Interpersonal & Communication Skills
Identifies and discloses medical errors or complications to the healthcare team	PGY 1	Indirect	6	6	Interpersonal & Communication Skills
Recognizes and respects the expertise of other members of the health care team	PGY 1	Indirect	6	6	Interpersonal & Communication Skills
Functions effectively as a member of the health care team, as above in PGY1	PGY 1	Indirect	6	6	Interpersonal & Communication Skills