

## Anesthesiology Levels of Care

<b>Procedure/Skill</b>	<b>Level of Care</b>	<b>Supervision</b>	<b>Milestone</b>	<b>Milestone Level</b>	<b>Competency</b>
Identifies disease processes and medical issues relevant to anesthetic care	<b>PGY 2 (CA-1)</b>	<b>Indirect</b>	<b>1</b>	<b>1</b>	<b>Patient Care</b>
Optimizes preparation of non-complex patients receiving anesthetic care	<b>PGY 2 (CA-1)</b>	<b>Indirect</b>	<b>1</b>	<b>1</b>	<b>Patient Care</b>
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	<b>PGY 2 (CA-1)</b>	<b>Indirect</b>	<b>1</b>	<b>1</b>	<b>Patient Care</b>
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	<b>PGY 2 (CA-1)</b>	<b>Indirect</b>	<b>1</b>	<b>1</b>	<b>Patient Care</b>
Conducts routine anesthetics, including management of commonly encountered physiologic alterations associated with anesthetic care, with indirect supervision	<b>PGY 2 (CA-1)</b>	<b>Indirect</b>	<b>1</b>	<b>1</b>	<b>Patient Care</b>
Manages uncomplicated peri-procedural pain with indirect supervision	<b>PGY 2 (CA-1)</b>	<b>Indirect</b>	<b>1</b>	<b>1</b>	<b>Patient Care</b>
Manages complicated per-procedural pain	<b>PGY 2 (CA-1)</b>	<b>Direct</b>	<b>1</b>	<b>1</b>	<b>Patient Care</b>
Performs post-anesthetic assessment to identify complications of anesthetic care	<b>PGY 2 (CA-1)</b>	<b>Indirect</b>	<b>1</b>	<b>1</b>	<b>Patient Care</b>
Begins initial management of peri-anesthetic complications	<b>PGY 2 (CA-1)</b>	<b>Direct</b>	<b>1</b>	<b>1</b>	<b>Patient Care</b>
Constructs prioritized differential diagnoses that include the most likely etiologies for acute clinical deterioration & initiates treatment	<b>PGY 2 (CA-1)</b>	<b>Direct/Indirect</b>	<b>1</b>	<b>1</b>	<b>Patient Care</b>
Identifies relevant critical disease processes requiring urgent or emergent intervention in non-operative setting	<b>PGY 2 (CA-1)</b>	<b>Indirect</b>	<b>1</b>	<b>1</b>	<b>Patient Care</b>

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Complex ICU Care; Develops, implements, and appropriately modifies treatment plan	<b>PGY 2 (CA-1)</b>	<b>Direct</b>	<b>1</b>	<b>1</b>	<b>Patient Care</b>
Diagnoses common acute and chronic pain syndromes; evaluates efficacy of current medication regiment	<b>PGY 2 (CA-1)</b>	<b>Indirect</b>	<b>1</b>	<b>1</b>	<b>Patient Care</b>
Implements non-interventional pain treatment plans	<b>PGY 2 (CA-1)</b>	<b>Indirect</b>	<b>1</b>	<b>1</b>	<b>Patient Care</b>
Performs simple interventional pain procedures (e.g., trigger point injections, scar injections, lumbar interlaminar epidural steroid injection [ESI], intravenous [IV] regional blocks)	<b>PGY 2 (CA-1)</b>	<b>Direct</b>	<b>1</b>	<b>1</b>	<b>Patient Care</b>
Identifies structures seen on ultrasound and basic fluoroscopy	<b>PGY 2 (CA-1)</b>	<b>Direct</b>	<b>1</b>	<b>1</b>	<b>Patient Care</b>
Applies knowledge of the American Society of Anesthesiologist (ASA) difficult airway algorithm to prepare equipment and supplies for airway management	<b>PGY 2 (CA-1)</b>	<b>Indirect</b>	<b>1</b>	<b>1</b>	<b>Patient Care</b>
Performs basic airway management in patients with normal airways, including endotracheal intubation, supraglottic airways, and videolaryngoscopy	<b>PGY 2 (CA-1)</b>	<b>Direct</b>	<b>1</b>	<b>1</b>	<b>Patient Care</b>
Recognizes need for assistance and/or equipment and seeks help	<b>PGY 2 (CA-1)</b>	<b>Indirect</b>	<b>1</b>	<b>1</b>	<b>Patient Care</b>
Performs pre-anesthetic equipment and machine checks	<b>PGY 2 (CA-1)</b>	<b>Indirect</b>	<b>1</b>	<b>1</b>	<b>Patient Care</b>
Inserts arterial and central venous catheters with direct supervision	<b>PGY 2 (CA-1)</b>	<b>Direct</b>	<b>1</b>	<b>1</b>	<b>Patient Care</b>
Demonstrates use of ultrasound for placement of invasive catheters	<b>PGY 2 (CA-1)</b>	<b>Direct</b>	<b>1</b>	<b>1</b>	<b>Patient Care</b>
Interprets data from arterial and central venous catheters	<b>PGY 2 (CA-1)</b>	<b>Direct/Indirect</b>	<b>1</b>	<b>1</b>	<b>Patient Care</b>

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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
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

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Addresses ethical issues common to anesthesiology with direct supervision (e.g., Jehovah's Witnesses)	<b>PGY 2 (CA-1)</b>	<b>Direct</b>	<b>5</b>	<b>5</b>	<b>Professionalism</b>
Ensures that communication of information requiring the assistance of another individual occurs in a timely and effective manner	<b>PGY 2 (CA-1)</b>	<b>Indirect</b>	<b>6</b>	<b>6</b>	<b>Interpersonal &amp; Communication Skills</b>
Negotiates simple patient and family conflicts	<b>PGY 2 (CA-1)</b>	<b>Indirect</b>	<b>6</b>	<b>6</b>	<b>Interpersonal &amp; Communication Skills</b>
Participates in root cause analysis for issues regarding patients for whom he or she has provided care	<b>PGY 2 (CA-1)</b>	<b>Direct</b>	<b>6</b>	<b>6</b>	<b>Interpersonal &amp; Communication Skills</b>
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	<b>PGY 2 (CA-1)</b>	<b>Direct</b>	<b>6</b>	<b>6</b>	<b>Interpersonal &amp; Communication Skills</b>
Effectively communicates relevant patient issues during transitions or transfers of care	<b>PGY 2 (CA-1)</b>	<b>Indirect</b>	<b>6</b>	<b>6</b>	<b>Interpersonal &amp; Communication Skills</b>
Uses the medical record to document medical decision making and facilitate patient care	<b>PGY 2 (CA-1)</b>	<b>Indirect</b>	<b>6</b>	<b>6</b>	<b>Interpersonal &amp; Communication Skills</b>
Documentation is clear and concise, addressing key issues relevant to the care of the patient	<b>PGY 2 (CA-1)</b>	<b>Indirect</b>	<b>6</b>	<b>6</b>	<b>Interpersonal &amp; Communication Skills</b>
Identifies the care team member with appropriate expertise to address a clinical issue	<b>PGY 2 (CA-1)</b>	<b>Indirect</b>	<b>6</b>	<b>6</b>	<b>Interpersonal &amp; Communication Skills</b>
Participates actively in team-based conferences or meetings related to patient care	<b>PGY 2 (CA-1)</b>	<b>Direct</b>	<b>6</b>	<b>6</b>	<b>Interpersonal &amp; Communication Skills</b>
Performs general histories and physical examinations	<b>PGY 1</b>	<b>Indirect</b>	<b>1</b>	<b>1</b>	<b>Patient Care</b>
Identifies clinical issues relevant to anesthetic care	<b>PGY 1</b>	<b>Direct</b>	<b>1</b>	<b>1</b>	<b>Patient Care</b>

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Identifies the elements and process for informed consent	<b>PGY 1</b>	<b>Indirect</b>	<b>1</b>	<b>1</b>	<b>Patient Care</b>
Formulates patient care plans that include consideration of underlying clinical conditions, past medical history, and patient medical, or surgical risk factors	<b>PGY 1</b>	<b>Indirect</b>	<b>1</b>	<b>1</b>	<b>Patient Care</b>
Recognizes and initiates management of common pain states & seeks advice for non-routine therapies	<b>PGY 1</b>	<b>Direct/Indirect</b>	<b>1</b>	<b>1</b>	<b>Patient Care</b>
Performs patient assessments and identifies complications associated with patient care; initial management of complications	<b>PGY 1</b>	<b>Direct</b>	<b>1</b>	<b>1</b>	<b>Patient Care</b>
Recognizes acutely ill or medically deteriorating patients; initiates basic medical care for common acute events; calls for help appropriately	<b>PGY 1</b>	<b>Direct</b>	<b>1</b>	<b>1</b>	<b>Patient Care</b>
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	<b>PGY 1</b>	<b>Direct/Indirect</b>	<b>1,4</b>	<b>1</b>	<b>Patient Care</b>
Participates in development and initiation of a treatment plan	<b>PGY 1</b>	<b>Direct/Indirect</b>	<b>1</b>	<b>1</b>	<b>Patient Care</b>
Performs targeted history and physical examination for patients with pain; including the use of common pain scales	<b>PGY 1</b>	<b>Indirect</b>	<b>1</b>	<b>1</b>	<b>Patient Care</b>
Initiates non-interventional, routine therapy for common pain problems	<b>PGY 1</b>	<b>Indirect</b>	<b>1</b>	<b>1</b>	<b>Patient Care</b>
Recognizes airway patency and adequacy of ventilation base on clinical assessment	<b>PGY 1</b>	<b>Direct/Indirect</b>	<b>1</b>	<b>1</b>	<b>Patient Care</b>
Position patient for airway management; places oral and nasal airways; performs bag-valve-mask ventilation	<b>PGY 1</b>	<b>Direct/Indirect</b>	<b>1</b>	<b>1</b>	<b>Patient Care</b>

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Demonstrates the correct use of standard monitoring devices; including blood pressure cuff, (EKG), pulse oximeter, and temperature monitors	<b>PGY 1</b>	<b>Indirect</b>	<b>1</b>	<b>1</b>	<b>Patient Care</b>
Interprets data from standard monitoring devices, including recognition of artifacts	<b>PGY 1</b>	<b>Direct/Indirect</b>	<b>1</b>	<b>1</b>	<b>Patient Care</b>
Demonstrates sterile technique	<b>PGY 1</b>	<b>Direct/Indirect</b>	<b>1</b>	<b>1</b>	<b>Patient Care</b>
Administers infiltrative local anesthetics for procedures	<b>PGY 1</b>	<b>Direct</b>	<b>1</b>	<b>1</b>	<b>Patient Care</b>
Identifies physiologic changes associated with local anesthesia administration and seeks help appropriately	<b>PGY 1</b>	<b>Direct/Indirect</b>	<b>1</b>	<b>1</b>	<b>Patient Care</b>
Identifies the roles of patients, families, health care providers and systems in health care delivery and outcomes	<b>PGY 1</b>	<b>Indirect</b>	<b>3</b>	<b>3</b>	<b>System Based Practice</b>
Identifies priorities when caring for multiple patients	<b>PGY 1</b>	<b>Indirect</b>	<b>3</b>	<b>3</b>	<b>System Based Practice</b>
Coordinates the care of an individual patient within the health care system effectively and safely	<b>PGY 1</b>	<b>Indirect</b>	<b>3</b>	<b>3</b>	<b>System Based Practice</b>
Participates in established institutional safety initiatives	<b>PGY 1</b>	<b>Indirect</b>	<b>3</b>	<b>3</b>	<b>System Based Practice</b>
Follows institutional safety policies, including reporting of problematic behaviors or processes, errors, near misses, and complications	<b>PGY 1</b>	<b>Indirect</b>	<b>3</b>	<b>3</b>	<b>System Based Practice</b>
Incorporates national standards and guidelines into patient care	<b>PGY 1</b>	<b>Indirect</b>	<b>3</b>	<b>3</b>	<b>System Based Practice</b>
Has knowledge that patient safety issues exist in medicine and that they should be prevented (e.g., drug errors, wrong site surgery)	<b>PGY 1</b>	<b>Indirect</b>	<b>4</b>	<b>4</b>	<b>Practice Based Learning &amp; Improvement</b>

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Identifies critical incidents or potentially harmful events pertaining to one's patients, and brings them to the attention of the supervisor	<b>PGY 1</b>	<b>Direct/Indirect</b>	<b>4</b>	<b>4</b>	<b>Practice Based Learning &amp; Improvement</b>
Discusses medical plans and responds to questions from patients and their families	<b>PGY 1</b>	<b>Direct/Indirect</b>	<b>4</b>	<b>4</b>	<b>Practice Based Learning &amp; Improvement</b>
Acknowledges limits and seeks assistance from supervisor	<b>PGY 1</b>	<b>Direct/Indirect</b>	<b>4</b>	<b>4</b>	<b>Practice Based Learning &amp; Improvement</b>
Acts responsibly and reliably with commitment to patient care as expected for level of experience	<b>PGY 1</b>	<b>Indirect</b>	<b>5</b>	<b>5</b>	<b>Professionalism</b>
Completes most assigned clinical tasks on time, but may occasionally require direct supervision	<b>PGY 1</b>	<b>Direct/Indirect</b>	<b>5</b>	<b>5</b>	<b>Professionalism</b>
Recognizes a patient's right to confidentiality, privacy, and autonomy, and treats patients and their families with compassion and respect	<b>PGY 1</b>	<b>Indirect</b>	<b>5</b>	<b>5</b>	<b>Professionalism</b>
Seeks assistance appropriate to the needs of the clinical situation while taking into consideration one's own experience and knowledge	<b>PGY 1</b>	<b>Indirect</b>	<b>5</b>	<b>5</b>	<b>Professionalism</b>
Displays sensitivity and respect for the needs of diverse patient populations and challenges associated with limited access to health care	<b>PGY 1</b>	<b>Indirect</b>	<b>5</b>	<b>5</b>	<b>Professionalism</b>
Addresses ethical issues relevant to entry-level rotations with direct supervision	<b>PGY 1</b>	<b>Direct</b>	<b>5</b>	<b>5</b>	<b>Professionalism</b>
Takes responsibility for the care they provide and seeks help appropriately	<b>PGY 1</b>	<b>Indirect</b>	<b>5</b>	<b>5</b>	<b>Professionalism</b>
Demonstrates empathy for patients and their families	<b>PGY 1</b>	<b>Indirect</b>	<b>6</b>	<b>6</b>	<b>Interpersonal &amp; Communication Skills</b>
Communicates routine information in straight forward circumstances with indirect supervision	<b>PGY 1</b>	<b>Indirect</b>	<b>6</b>	<b>6</b>	<b>Interpersonal &amp; Communication Skills</b>

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Recognizes situations where communication of information requires the assistance of another individual and asks for help	<b>PGY 1</b>	<b>Direct/Indirect</b>	<b>6</b>	<b>6</b>	<b>Interpersonal &amp; Communication Skills</b>
Identifies situations where patient and family conflicts exist and appropriately seeks assistance with resolution	<b>PGY 1</b>	<b>Direct/Indirect</b>	<b>6</b>	<b>6</b>	<b>Interpersonal &amp; Communication Skills</b>
Discloses medical errors or complications	<b>PGY 1</b>	<b>Direct</b>	<b>6</b>	<b>6</b>	<b>Interpersonal &amp; Communication Skills</b>
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	<b>PGY 1</b>	<b>Direct</b>	<b>6</b>	<b>6</b>	<b>Interpersonal &amp; Communication Skills</b>
Communicates patient status to supervisors and other providers effectively, including during hand-offs and transitions of patient care	<b>PGY 1</b>	<b>Indirect</b>	<b>6</b>	<b>6</b>	<b>Interpersonal &amp; Communication Skills</b>
Provides legible, accurate, complete, and timely documentation in written and electronic forms	<b>PGY 1</b>	<b>Indirect</b>	<b>6</b>	<b>6</b>	<b>Interpersonal &amp; Communication Skills</b>
Respects patient privacy in all environments	<b>PGY 1</b>	<b>Indirect</b>	<b>6</b>	<b>6</b>	<b>Interpersonal &amp; Communication Skills</b>
Identifies and discloses medical errors or complications to the healthcare team	<b>PGY 1</b>	<b>Indirect</b>	<b>6</b>	<b>6</b>	<b>Interpersonal &amp; Communication Skills</b>
Recognizes and respects the expertise of other members of the health care team	<b>PGY 1</b>	<b>Indirect</b>	<b>6</b>	<b>6</b>	<b>Interpersonal &amp; Communication Skills</b>
Functions effectively as a member of the health care team, as above in PGY1	<b>PGY 1</b>	<b>Indirect</b>	<b>6</b>	<b>6</b>	<b>Interpersonal &amp; Communication Skills</b>