<table>
<thead>
<tr>
<th>PROCEDURE/SKILL</th>
<th>LEVEL OF CARE</th>
<th>SUPERVISION</th>
<th>MILESTONE</th>
<th>COMPETENCY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Performs assessment of complex or critically-ill patients without missing major issues that impact anesthesia care with conditional independence</td>
<td>PGY 4 (CA-3)</td>
<td>Indirect</td>
<td>PC</td>
<td>Patient Care</td>
</tr>
<tr>
<td>Optimizes preparation of complex or critically-ill patients with conditional independence</td>
<td>PGY 4 (CA-3)</td>
<td>Indirect</td>
<td>PC</td>
<td>Patient Care</td>
</tr>
<tr>
<td>Obtains appropriate informed consent tailored to subspecialty care or complicated clinical situations with conditional independence</td>
<td>PGY 4 (CA-3)</td>
<td>Indirect</td>
<td>PC</td>
<td>Patient Care</td>
</tr>
<tr>
<td>Formulates and tailors anesthetic plans that include consideration of medical, anesthetic, and surgical risk factors and patient preference for patients with complex medical issues undergoing complex procedures with conditional independence</td>
<td>PGY 4 (CA-3)</td>
<td>Indirect</td>
<td>PC</td>
<td>Patient Care</td>
</tr>
<tr>
<td>Conducts complex anesthetics with conditional independence; may supervise others in the management of complex clinical problems</td>
<td>PGY 4 (CA-3)</td>
<td>Indirect</td>
<td>PC</td>
<td>Patient Care</td>
</tr>
<tr>
<td>Manages complex peri-procedural pain for all patients, including those with chronic pain, with conditional independence</td>
<td>PGY 4 (CA-3)</td>
<td>Indirect</td>
<td>PC</td>
<td>Patient Care</td>
</tr>
<tr>
<td>Recognizes the need to consult a pain medicine specialist to address complex pain management issues or co-existing chronic pain states that are not responsive to usual management strategies</td>
<td>PGY 4 (CA-3)</td>
<td>Indirect</td>
<td>PC</td>
<td>Patient Care</td>
</tr>
<tr>
<td>Identifies and manages all peri-anesthetic complications with conditional independence</td>
<td>PGY 4 (CA-3)</td>
<td>Indirect</td>
<td>PC</td>
<td>Patient Care</td>
</tr>
<tr>
<td>Identifies and manages clinical crises appropriately with conditional independence; assumes increasing responsibility for leadership of crisis response team</td>
<td>PGY 4 (CA-3)</td>
<td>Indirect</td>
<td>PC</td>
<td>Patient Care</td>
</tr>
<tr>
<td>Identifies appropriate care setting and coordinates patient’s disposition win Non-Operative/ICU settings</td>
<td>PGY 4 (CA-3)</td>
<td>Indirect</td>
<td>PC</td>
<td>Patient Care</td>
</tr>
<tr>
<td>Defines clinically appropriate priorities when resources are limited</td>
<td>PGY 4 (CA-3)</td>
<td>Indirect</td>
<td>PC</td>
<td>Patient Care</td>
</tr>
<tr>
<td>Task Description</td>
<td>Level/Year</td>
<td>Indirect/Direct</td>
<td>PC</td>
<td>Patient Care</td>
</tr>
<tr>
<td>---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
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</tr>
<tr>
<td>Integrates management choices taking into account long-term impact of therapeutic decisions</td>
<td>PGY 4 (CA-3)</td>
<td>Indirect</td>
<td>PC</td>
<td>Patient Care</td>
</tr>
<tr>
<td>Supervises other members of the health care team</td>
<td>PGY 4 (CA-3)</td>
<td>Indirect</td>
<td>PC</td>
<td>Patient Care</td>
</tr>
<tr>
<td>Acts as consultant for acute pain management to junior residents and other health care providers with conditional independence</td>
<td>PGY 4 (CA-3)</td>
<td>Indirect</td>
<td>PC</td>
<td>Patient Care</td>
</tr>
<tr>
<td>Consults with non-anesthesiologist specialists regarding pain management as appropriate</td>
<td>PGY 4 (CA-3)</td>
<td>Indirect</td>
<td>PC</td>
<td>Patient Care</td>
</tr>
<tr>
<td>Recognizes treatment failures and obtains appropriate consultations, including with a pain medicine specialist</td>
<td>PGY 4 (CA-3)</td>
<td>Indirect</td>
<td>PC</td>
<td>Patient Care</td>
</tr>
<tr>
<td>Identifies and corrects problems and complications associated with airway management (e.g., hypoxemia during one-lung ventilation, airway hemorrhage) with conditional independence</td>
<td>PGY 4 (CA-3)</td>
<td>Direct*</td>
<td>PC</td>
<td>Patient Care</td>
</tr>
<tr>
<td>Manages all airways, including under special situations (e.g., trauma, patients with tracheostomies, loss of airway), with conditional independence</td>
<td>PGY 4 (CA-3)</td>
<td>Indirect</td>
<td>PC</td>
<td>Patient Care</td>
</tr>
<tr>
<td>Obtains vascular access in complex or difficult situations with conditional independence</td>
<td>PGY 4 (CA-3)</td>
<td>Indirect</td>
<td>PC</td>
<td>Patient Care</td>
</tr>
<tr>
<td>Performs advanced monitoring techniques for assessing cardiac function (e.g., pulmonary artery catheterization, transesophageal echocardiography)</td>
<td>PGY 4 (CA-3)</td>
<td>Indirect</td>
<td>PC</td>
<td>Patient Care</td>
</tr>
<tr>
<td>Supervises other members of the health care team in the placement and interpretation of monitoring techniques</td>
<td>PGY 4 (CA-3)</td>
<td>Indirect</td>
<td>PC</td>
<td>Patient Care</td>
</tr>
<tr>
<td>Recognizes equipment malfunctions and troubleshoots appropriately</td>
<td>PGY 4 (CA-3)</td>
<td>Indirect</td>
<td>PC</td>
<td>Patient Care</td>
</tr>
<tr>
<td>Performs spinal, epidural, and peripheral nerve blocks with conditional independence</td>
<td>PGY 4 (CA-3)</td>
<td>Indirect</td>
<td>PC</td>
<td>Patient Care</td>
</tr>
<tr>
<td>Supervises junior residents in performing regional anesthetics and other health care providers on issues related to regional anesthesia</td>
<td>PGY 4 (CA-3)</td>
<td>Indirect</td>
<td>PC</td>
<td>Patient Care</td>
</tr>
<tr>
<td>Anesthesiology Levels of Care</td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>--------------------------------</td>
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</tr>
<tr>
<td>Manages problems or complications associated with regional anesthesia with conditional independence</td>
<td>PGY 4 (CA-3)</td>
<td>Indirect</td>
<td>PC</td>
<td>Patient Care</td>
</tr>
<tr>
<td>Manages multiple patient care activities with conditional independence</td>
<td>PGY 4 (CA-3)</td>
<td>Indirect</td>
<td>SBP</td>
<td>System Based Practice</td>
</tr>
<tr>
<td>Uses system resources to facilitate and optimize cost-effective and safe longitudinal peri-operative care</td>
<td>PGY 4 (CA-3)</td>
<td>Indirect</td>
<td>SBP</td>
<td>System Based Practice</td>
</tr>
<tr>
<td>Applies advanced team techniques designed to enhance patient safety (e.g., ‘assertiveness’)</td>
<td>PGY 4 (CA-3)</td>
<td>Indirect</td>
<td>SBP</td>
<td>System Based Practice</td>
</tr>
<tr>
<td>Participates in formal analysis (e.g., root cause analysis, failure mode effects analysis) of medical error and sentinel events with direct supervision</td>
<td>PGY 4 (CA-3)</td>
<td>Direct</td>
<td>SBP</td>
<td>System Based Practice</td>
</tr>
<tr>
<td>Identifies opportunities in the continuum of care to improve patient outcome and reduce costs</td>
<td>PGY 4 (CA-3)</td>
<td>Indirect</td>
<td>SBP</td>
<td>System Based Practice</td>
</tr>
<tr>
<td>Explains anesthesia care and risk to patients and their families with conditional independence</td>
<td>PGY 4 (CA-3)</td>
<td>Indirect</td>
<td>PBL</td>
<td>Practice Based Learning &amp; Improvement</td>
</tr>
<tr>
<td>Completes all work assignments reliably and supports other providers to ensure patient care is optimized; supervises and advises junior residents on time and task management with conditional independence</td>
<td>PGY 4 (CA-3)</td>
<td>Indirect</td>
<td>Prof</td>
<td>Professionalism</td>
</tr>
<tr>
<td>Develops a systematic approach to managing ethical dilemmas in clinical care settings with conditional independence</td>
<td>PGY 4 (CA-3)</td>
<td>Indirect</td>
<td>Prof</td>
<td>Professionalism</td>
</tr>
<tr>
<td>Provides constructive feedback in a tactful and supportive way to physician and non-physician members of the patient care team to enhance patient care</td>
<td>PGY 4 (CA-3)</td>
<td>Indirect</td>
<td>Prof</td>
<td>Professionalism</td>
</tr>
<tr>
<td>Communicates challenging information and addresses complex circumstances with conditional independence</td>
<td>PGY 4 (CA-3)</td>
<td>Indirect</td>
<td>ICS</td>
<td>Interpersonal &amp; Communication Skills</td>
</tr>
<tr>
<td>Consults appropriate institutional resources with conditional independence</td>
<td>PGY 4 (CA-3)</td>
<td>Indirect</td>
<td>ICS</td>
<td>Interpersonal &amp; Communication Skills</td>
</tr>
<tr>
<td>Negotiates and manages patient and family conflicts in complex situations, including end-of-life issues, with conditional independence</td>
<td>PGY 4 (CA-3)</td>
<td>Indirect</td>
<td>ICS</td>
<td>Interpersonal &amp; Communication Skills</td>
</tr>
</tbody>
</table>
### Anesthesiology Levels of Care

<table>
<thead>
<tr>
<th>Skill Description</th>
<th>Level</th>
<th>Supervision</th>
<th>Component</th>
<th>External Component</th>
</tr>
</thead>
<tbody>
<tr>
<td>Communicates effectively in crises and contentious situations</td>
<td>PGY 4 (CA-3)</td>
<td>Indirect</td>
<td>ICS</td>
<td>Interpersonal &amp; Communication Skills</td>
</tr>
<tr>
<td>Participates in conflict resolution with conditional independence</td>
<td>PGY 4 (CA-3)</td>
<td>Indirect</td>
<td>ICS</td>
<td>Interpersonal &amp; Communication Skills</td>
</tr>
<tr>
<td>Demonstrates leadership skills in relationships with members of the anesthesia and other patient care teams</td>
<td>PGY 4 (CA-3)</td>
<td>Indirect</td>
<td>ICS</td>
<td>Interpersonal &amp; Communication Skills</td>
</tr>
<tr>
<td>Facilitates team-based conferences or meetings related to patient care</td>
<td>PGY 4 (CA-3)</td>
<td>Indirect</td>
<td>ICS</td>
<td>Interpersonal &amp; Communication Skills</td>
</tr>
</tbody>
</table>

**KEY**

* **Supervision:**
  - **Direct** - the supervising physician is physically present with the resident and patient.
  - **Indirect** - the supervising physician is physically within the hospital or other site of patient care and is immediately available to provide direct supervision.
  - **Oversight** - the supervising physician is available to provide review of procedures/encounters with feedback after care is provided.

**Core Competencies:**

1. Patient Care (PC)
2. Medical Knowledge (MK)
3. Practice-Based Learning & Improvement (PBL)
4. Systems-Based Practice (SBP)
5. Interpersonal & Communication Skills (IC)
6. Professionalism (P)