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| **Practice-based Learning and Improvement: Analysis of practice to identify areas in need of improvement. Incorporation of feedback and new evidence-based information into practice improvement.** |
| Level 1 | Level 2 | Level 3 | Level 4 | Level 5 |
| Identifies critical incidents or potentially harmful events pertaining to one’s patients, and brings them to the attention of the supervisor. Completes assigned readings and prescribed learning activities. Uses clinical opportunities as they occur, to direct self-learning.  | Identifies adverse events and near misses, and analyzes personal practice to determine the reason they occurred. Modifies personal practice to minimize likelihood of recurrence of adverse events related to routine anesthesia care. Reviews literature relevant to clinical assignment.  | Identifies adverse events and near misses related to the Neuroanesthesia rotation.Modifies personal practice to minimize likelihood of recurrence of adverse events related to Neuroanesthesia care.Examples of common mistakes:* MAP too low
* Too much volatile agent for neuromonitoring
* Bite block not inserted
* Positioning problems.

Differentiates evidence-based information from non evidence-based resources. For example, is able to cite specific studies to guide intraoperative temperature management during aneurysm clipping. | Analyzes personal practices to determine potential risk of adverse outcomes and develops strategies to reduce likelihood of recurrence. Incorporates evidence- based medicine practices into patient management.  | Uses comparative benchmark data about outcomes and clinical practice patterns within the department, facility, or health system to analyze performance of self and group.Independently evaluates published medical research and refines clinical practice based on the conclusions. |
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| Comments:  | Unable to determine milestone performance level **☐** |