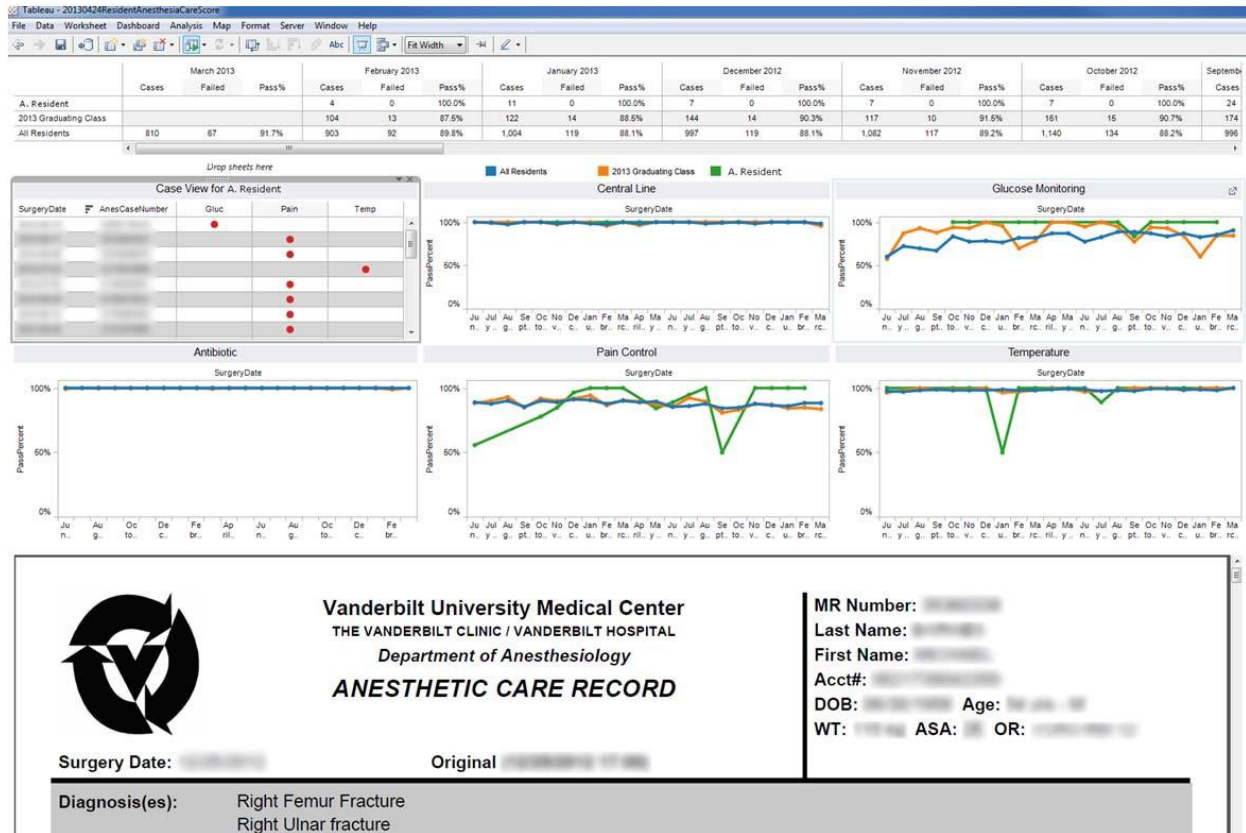


Supplemental Digital Content 1. Resident Performance Dashboard User Manual and Logic



The resident performance dashboard allows you to see your individual performance on a series of metrics compared to your entire class and the entire residency. The dashboard is interactive, and allows you to see performance by month, as well as overall performance. Graphs display 5 performance metrics plotted over time. Each case which has a failure is displayed in a scrollable list, and clicking on the 'anescase number' in the case view window pulls up the anesthesia care record for easy and quick case review. We hope that this dashboard will facilitate your educational efforts. We welcome your comments about this feedback tool.

Antibiotics Requirements

An antibiotic must be documented prior to but within 60 min of incision time (120 min if the drug is vancomycin) OR it must be noted in the patient's chart that the patient did not require an antibiotic for the surgical procedure

Additional notes: Cases outside main OR are excluded; only the first resident on the case will be scored

Pain Control Requirements

First documented pain score in PACU must be < 7 if it is an Adult Numerical, Child Numerical, N-PASS, or FLACC. First documented pain score in PACU must be < 6 if the scale was FPS-R.

Additional notes: only the last resident on the case will be scored

Central Line Requirements

- i Hand hygiene before placement must be documented, else scored as a failure
- i Full body drape must be documented, else scored as a failure
- i All barrier equipment worn must be documented, else scored as a failure
- i Chlorhexidine used for site prep must be documented, else scored as a failure
- i Ultrasound use documented for internal jugular lines, else scored as a failure

Additional notes: Level 1 cases are excluded; only the first resident on the case will be scored; the line must be documented as being placed by anesthesiology

Temperature Requirements

If no temperature is documented in Gaschart or PACU ≥ 36.0 during the time period of 30 min prior to Out of Room and 15 min after PACU In Time AND the temperature from Emergence is ≤ 36.1 then it is scored a failure

*Additional notes: only the last resident on the case will be scored; surgical times > 60 min
Level 1 cases and ASA Class 6 / 6E patients excluded
Cardiopulmonary bypass cases & induced hypothermia cases excluded*

Glucose Monitoring

- i For patients receiving intraoperative insulin:
Each time insulin is administered, blood glucose must be documented 30-90 min after insulin is given
- i For diabetic patients (not receiving insulin in the OR):
Blood glucose must be documented between anesthesia start and 150 min into the case

Additional notes: For insulin cases, only cases lasting longer than 90 min are scored For diabetic cases, only cases lasting longer than 150 min are scored

Last Updated – April 24, 2013

ASA = American Society of Anesthesiologists; FLACC = Face, Legs, Activity, Cry, and Consolability Scale; FPS-R = Faces Pain Scale – Revised; N-PASS = Neonatal Pain, Agitation, and Sedation Scale; OR = operating room; PACU = postanesthesia care unit.