

What Your EHR *Doesn't* Know About Surgery:

How Situational Awareness & Real-Time Data Increase Perioperative Efficiency & Reduce the Risk of Burnout

While a hospital's EHR serves an important role as a single source of truth for patients' records, it was not designed to deliver the situational awareness needed by a surgical department. This Quick Guide outlines three common perioperative challenges, and the impact of adding real-time data entry to improve situational awareness.

Problem #1:

A lack of situational awareness across the surgical department hinders insightful decision-making for the perioperative team

There are a variety of methods of getting information on the status of surgeries. Many rely on in-person check-ins, and then this information has to be manually communicated across the nursing teams in preop and PACU, as well as with the environmental service team. Vital time can be lost in this communication loop, along with raising the risk of miscommunication.



Solutions:

- Real-time data capture creates a window into the OR without sacrificing privacy or requiring monitoring
- Concurrent display of patient status in the department provides comprehensive situational awareness
- Understanding status allows staff to prioritize their next steps to increase efficiency

Problem #2:

Complex processes slow down staff and increase the risk of burnout

A 2020 KLAS survey shows that nurse respondents cited a chaotic work environment and time-consuming bureaucratic tasks as their top reasons for burnout. The detailed processes in the perioperative department and constantly changing nature of surgery only increase those burnout risks.

Solutions:

- Simplify data entry in the OR and record surgical milestones in real-time without tethering the circulating nurse to a computer
- Share this information visually with department staff so next steps are clear
- Use the data for better planning so nursing staff can regularly finish their shift on time.



Problem #3:

Inaccurate data means a lack of trust in reports and KPIs

Surgical milestones are commonly entered after (or even before) the actual surgery in an effort to maintain the focus on the patient in the OR. While done with the best intentions, this erodes team confidence in data when it comes to reporting on surgical KPIs. If you need to share and rely on reporting to address workflow issues like on-time starts, your data needs to be trusted by surgeons and surgical leadership.

Solution:

- Simplified data entry steps pre- or post-surgery data entry
- Real-time surgical milestone capture reinforces KPI credibility
- Automated data cleansing lets everyone see which cases were and were not included on reports, and why

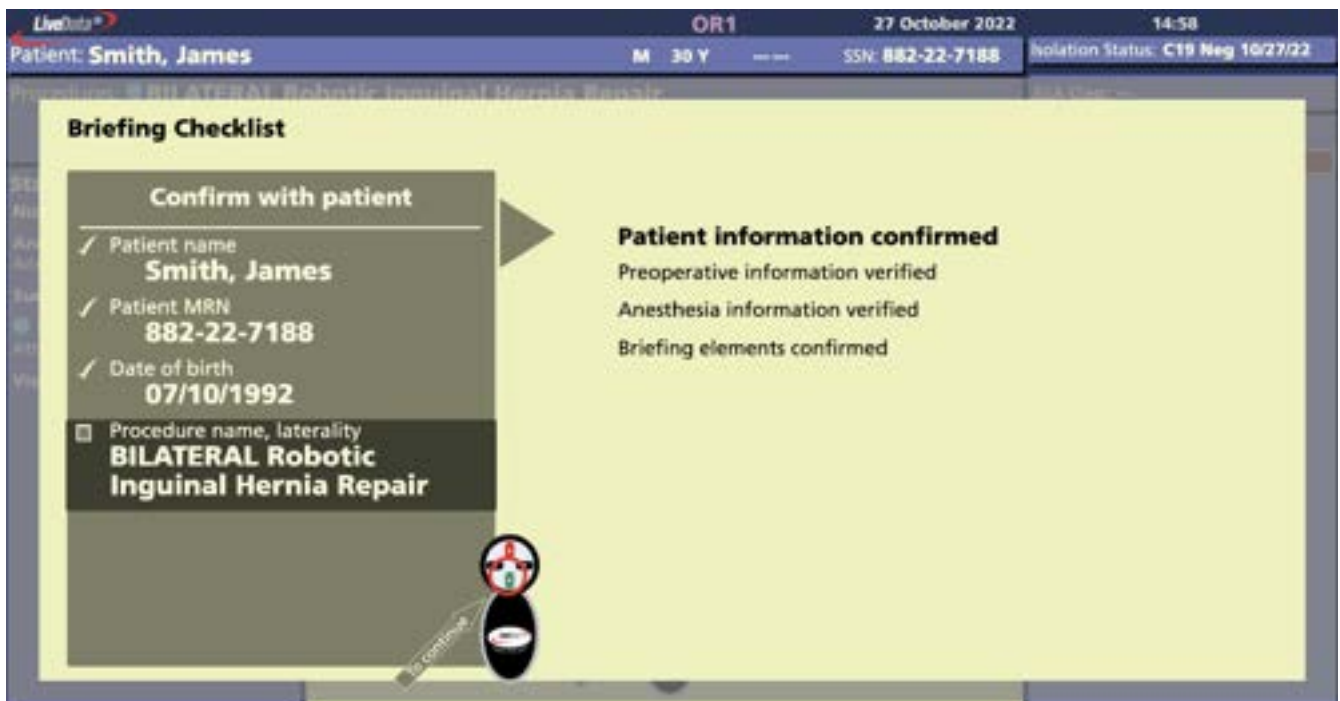


Taking Action

Situational awareness through real-time data capture and display can improve decisionmaking, address burnout, and create confidence in performance data. By filling this gap in your EHR you can increase your team's efficiency and reduce the risk of staff burnout. This leads to improved KPIs and increased throughput without increasing your current resources.

About LiveData's Perioperative Workflow Solutions

Developed with the guidance of clinicians at leading surgical institutions - including Memorial Sloan Kettering Cancer Center and the Veterans Health Administration - LiveData's perioperative workflow software helps hospitals across the country improve their surgical throughput by providing situational awareness through real-time data across the department. This transparency leads to improved KPIs, including first-case-on-time-starts, block utilization, and turnover times. Visit livedata.com for a free consultation about how augmenting your existing EHR with real-time data capture and display - providing a new level of situational awareness to run more surgical cases, on time, with your existing scheduled staff.



LiveData OR-Dashboard™ with Active Time Out®, a component of LiveData PeriOp Manager™, gives teams a digital safe surgery checklist. Circulating nurses send important case milestones directly into the patient's record using a handheld "clicker". The control desk sees updates from each OR, including timeout, in real time.