Three Dimensions of Benefits

Leveraged individually or together as one comprehensive package, all modules in LiveData PeriOp Manager can help your facility manage, track and improve surgical performance across three key dimensions:

Patient Safety

« Eliminate/reduce the occurrence of "never events"
« Achieve consistent, durable surgical timeouts
« Track and report on patient safety initiatives
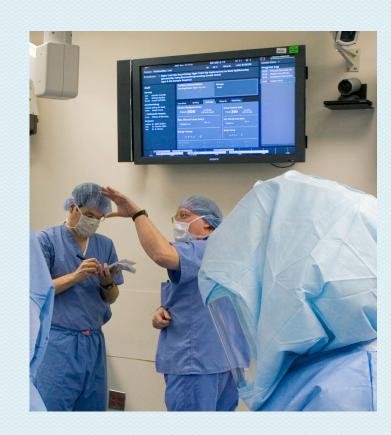
Surgical Throughput, Utilization and Efficiency

« Increase first-case, on-time starts
« Improve turnover time
« Enhance operating room utilization
« Reduce unplanned overtime

Surgical Quality of Care

« Improve patient satisfaction
« Enhance team communication
« Improve compliance with VASQIP, SCIP and CMS VBP

LiveData PeriOp Manager at a Glance

« Complete, real-time visibility into all perioperative workflows
« Wall-mounted, workstation and mobile device displays
« Daily OR schedule
« Patient status and location
« OR readiness
« Patient-care milestones
« Patient safety
« Bay assignments
« Patient status for waiting families
« Analytics to monitor quality metrics and measure performance improvement
« Seamless VistA integration

For More Information

To arrange for a complete, custom demonstration of PeriOp Manager at your convenience, please contact DSS at 561.284.7000 or email Sales@dssinc.com.

To learn more about DSS, visit http://dssinc.com/.

To learn more about LiveData, visit http://www.livedata.com/.

LiveData PeriOp Manager™: Because "Never Events" Should Never Happen

It's been 15 years since the Institute of Medicine issued its groundbreaking report, "To Err is Human: Building a Safer Health System." Yet, Johns Hopkins University researchers recently found that surgery-related "never events" continue to occur surprisingly often, with costly results.

Between 1990 and 2010, researchers found the average medical liability payout reached over $127,000 for wrong-site surgeries, almost $110,000 for wrong-patient surgeries and more than $232,000 for wrong-procedure surgeries. Some payouts even reached more than $7 million.[1]

But some of the best medical centers in the United States are fighting back by leveraging the power of LiveData PeriOp Manager.

Indeed, whether your facility is running 40 operating rooms with hundreds of surgeries each week, or just one or two rooms with fewer than a dozen, PeriOp Manager can help improve safety and reduce the risks of "never events," as well as maximize OR utilization, throughput and patient care quality within your own perioperative suite.

The PeriOp Manager Difference

Combining the functionality of LiveData with DSS' VistA integration, PeriOp Manager is today's most comprehensive and cost-effective solution for managing, documenting, analyzing and improving every step of the perioperative process, from pre-operative patient assessments, through surgery, to discharge to the recovery room.

> **Wrong-site surgeries occur 40 times per week in hospitals and clinics across the United States.**
>
> —The Joint Commission

1. "Surgical 'Never Events' Occur At Leat 4,000 Times Per Year," Marty Makary, M.D., M.P.H. Johns Hopkins Medicine, Dec. 19, 2012.

A Multi-tiered Solution

To ensure consistently successful surgical outcomes, it is critical to put the right data in the right place at the right time. To that end, PeriOp Manager comprises four modules that can be leveraged either individually or together to integrate real-time data with workflow automation to coordinate and manage surgical patient care.

LiveData PreOp Board™: Taking Patient Prep to a Higher Level

Presenting a single operational view of individual patient status, as well as overall preoperative case workflows, PreOp Board serves as a dynamic, digital checklist of patient preparation for surgery. Each patient's name and assigned staff, along with milestones such as antibiotic status, H&P, consent, site marking, circulating nurse visit, lab status, IV status, nurse assessment and readiness for the operating room, are all automatically checked off as they are completed and documented.

LiveData OR-Dashboard™ with Active Time Out®: Enhancing Surgical Workflows

OR-Dashboard with Active Time Out integrates patient data from CPRS/VistA, Anesthesia Information System and monitoring devices with automated surgical workflow and patient safety processes for display on wall-mounted screens in the OR. OR-Dashboard enhances every step of surgical workflow from OR setup through intraoperative care. Active Time Out automates and integrates the surgical safety checklist into the surgical workflow, including pre-induction checklist, pre-incision checklist and sign-out or debriefing checklists.

LiveData OR-Schedule Board™: Tracking Daily Caseloads Across Multiple Platforms in Real Time

OR-Schedule Board provides a dynamic, real-time view of the day's surgical caseload on wall-mounted screens throughout the perioperative suite, in staff lounges and SPS, as well as on tablets and desktop computers connected to secure hospital networks. With just one glance, personnel can see:

- « The current and future state of all operating rooms
- « Which cases are running and/or scheduled in any OR
- « The on-time/delayed status of each case, and its impact on the start times of subsequent cases
- « The exact status of each case in real time

In addition, OR-Schedule Board's powerful and flexible functionality permits cases to be easily canceled, rescheduled and/or reassigned to other operating rooms as required by add-ons, emergency cases or other events.

25% USE A SURGICAL SAFETY CHECKLIST

Only about 25 percent of U.S. hospitals use a surgical safety checklist. Moreover, of those that do employ checklists, few operating teams accomplish them all consistently, even in advanced settings.

—World Health Organization

LiveData Family Waiting Board™: Peace of Mind for Loved Ones

Family Waiting Board displays HIPAA-compliant, patient-status information on a large-screen monitor in the waiting room, permitting families to track the progress of their loved ones as they move through the perioperative process.

Pre-op, surgery, post-op and up to two additional perioperative stages can be displayed for each patient. Patient identity is represented by a specially assigned code provided only to authorized family members.

Surgical complications were reduced by one-third when a safe-surgery checklist was employed.

—New England Journal of Medicine[2]

LiveData Analytics™: Leveraging Big Data to Assess and Improve Care Quality

All pre-surgical and surgical data collected by PeriOp Manager is delivered seamlessly through VistA to LiveData Analytics, which leverages big data techniques to transform real-time operational intelligence into actionable quality, compliance and efficiency intelligence. Your hospital can leverage LiveData Analytics to:

- « Monitor the quality and timeliness of surgical safety checklist performance
- « Reduce the risk of "never events"
- « Reduce turnover times and delays
- « Improve on-time starts
- « Identify inaccurately scheduled cases
- « Improve operating room utilization, including hard to manage block schedules
- « Target areas for improvement

2. Haynes AB, et al. A surgical safety checklist to reduce morbidity and mortality in a global population. N Engl J Med. 2009; 360:491-499.