



Surgery Department Services

Raising expectations for patient safety, quality improvement and operating room turnover efficiencies

Arrowsight Medical provides a wide range of real time 3rd party remote video auditing (RVA) services to health care providers that enable them to achieve consistently high standards of patient safety and operational efficiencies. Helping hospital perioperative service teams dramatically improve and sustain important OR patient safety measures such as strict adherence to the surgical safety timeout and sign-out checklist can help hospitals avoid causing wrong site surgeries and retained objects. Utilizing RVA to achieve nearly perfect compliance for overnight terminal cleaning procedures can also prevent surgical site infections. Leveraging the same cameras used to drive safety and quality measures, RVA services can also be utilized to significantly reduce room turnover time enabling hospitals to conduct more surgery cases per day. This is done by delivering real-time operating room status updates to digital boards that are installed in staff break lounges, the nurses' station and to smartphones via a secure webpage link. Real-time email alerts are also sent to house cleaning, nursing and physician staff alerting them during and in between cases when they are needed in the operating room. Arrowsight's RVA program has helped NY area hospitals improve key safety processes such as "timeouts", "sign-outs" and "terminal cleaning" to nearly 100%. RVA has also helped reduce turnover times between cases by 20%+ resulting in improved surgeon satisfaction. To protect patient and staff privacy, the video images are intentionally set at a low resolution and the video is securely stored for only 24 hours before being automatically erased.

In the Press

Bloomberg



DOW JONES

Forbes



THOMSON REUTERS

The New York Times

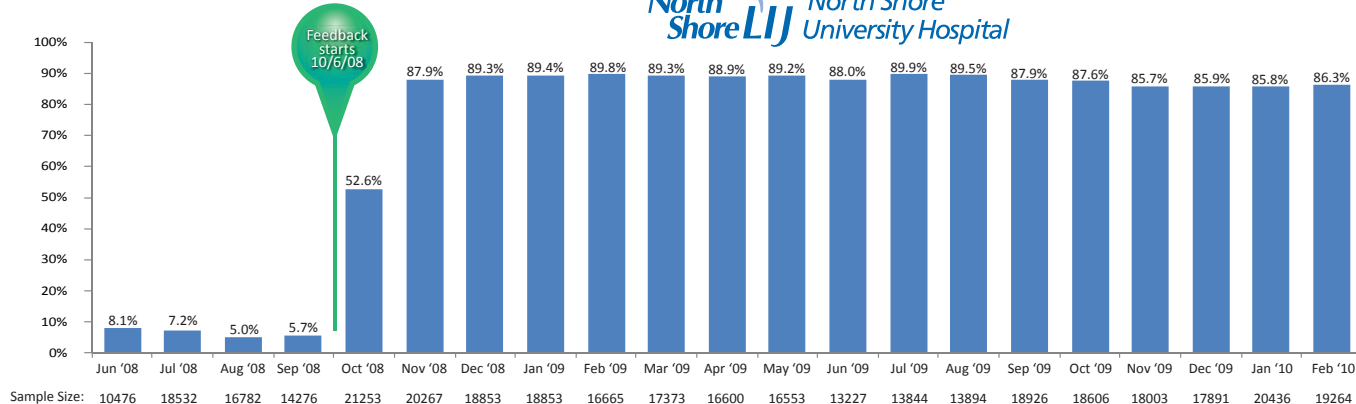
THE WALL STREET JOURNAL

Case Study

RVA Background – Published Studies and Prominent Citations

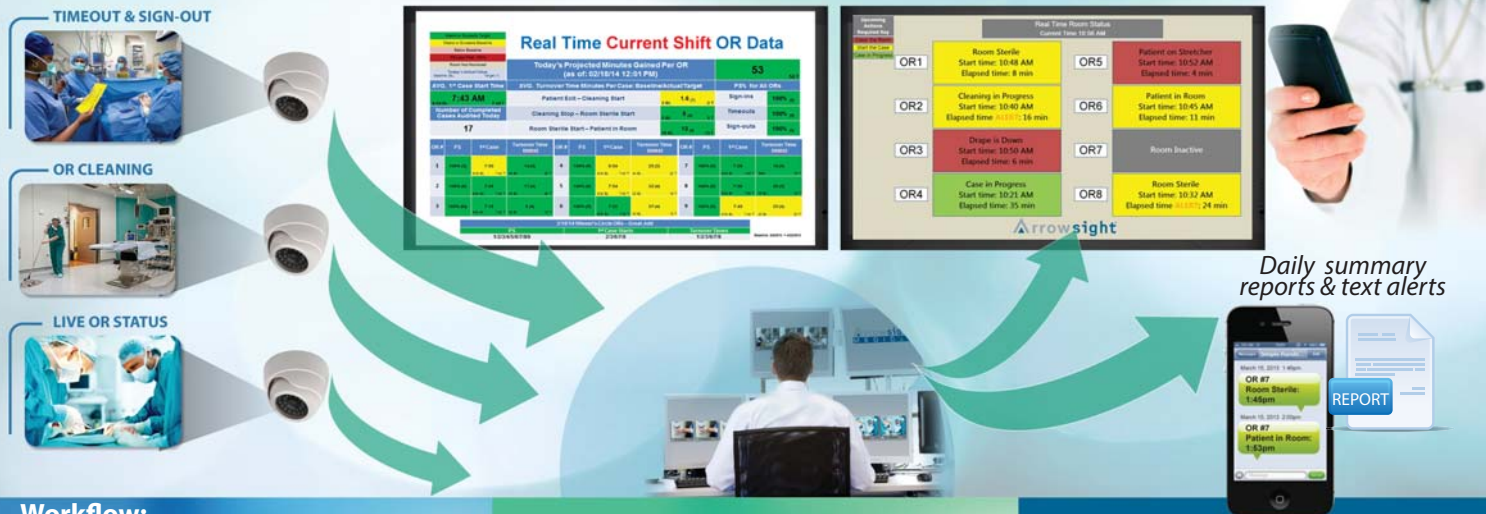
RVA first broke into the healthcare field with North Shore University Hospital (NSUH) in 2008 by using RVA to improve hand hygiene compliance rates in a 17 bed ICU from a baseline rate of <10% to ~90% within four weeks. In the fall of 2011, this work was published in Clinical Infectious Diseases medical journal as a major article titled "Using High-Technology to Enforce Low-Technology Safety Measures: The Use of Third-party Remote Video Auditing and Real-time Feedback in Healthcare." A subsequent study about a second ICU at NSUH with similar results was published in American Journal of Infection Control in 2013. Also in 2013, The Journal of the American Medical Association (i.e., JAMA) published an editorial titled "The Power of Video Recording – Taking Quality to the Next Level" that prominently cites the NSUH CID Study and endorses the use of video monitoring in healthcare.

Clinical Infectious Diseases



Having established the efficacy of RVA with real-time feedback in healthcare with multiple published studies and prominent citations, Arrowsight and its strategic partner, North American Partners in Anesthesiology (i.e. NAPA) have collaborated with North Shore LIJ Health System to design and implement the next major frontier for the use of RVA in the surgery department.

3rd Party Remote Video Auditing (RVA)



Workflow:

- Cameras installed with low resolution to protect patient and staff privacy
- Arrowsight samples each OR every 2 minutes from monitoring centers
- Real-time OR status info and OR performance feedback plasma scoreboards and smartphones
- Real-time email alerts sent to OR staff for timeout variance and OR status changes
- Daily performance reports sent to managers

RVA In ORs Featured in Joint Commission Resources Educational Video



Strong Financial Value Proposition:

- Reduced risk of costly wrong sided surgeries, retained foreign bodies and surgical site infections
- Improving turnover times in between cases by 20%+ reduces overtime, can increase case volumes, and/or enable hospitals to handle their caseloads in less ORs, and improve surgeon satisfaction
- Every hour of OR time can be valued at \$2,000/hour

Risky Business: Assessing and Managing Risk in Your Organization

How to Assess and Manage Risk in Your Organization

Chapters

- Introduction
- How to Assess and Manage Risk in Your Organization
- Mock Survey: Risk Assessment and the Universal Protocol
- Risk Assessment and the Overuse/Misuse of Antibiotics
- Mock Survey: Risk Assessment and the Cleaning of Operating Rooms



Resource Guide

- Download the Entire Resource Guide
- Program Summary and CE Credit
- Program Outline
- FMEA in Health Care - Proactive Risk Reduction
- Risk Assessment for Infection and Prevention
- Faculty Biographies
- Post Test, Resources, and CE

For More Information and Pricing

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