Arrowsight Healthcare Solutions

Arrowsight’s Third Party Remote Video Auditing (RVA) services have been published in top medical journals around the world since 2011. Compelling peer-reviewed data shows that RVA significantly improves patient safety, patient flow and training in surgery departments, intensive care units, and emergency departments. RVA is a new form of Tele-Medicine for Quality Improvement (QI) and can be dynamically deployed throughout hospitals for numerous applications.

RVA For Surgery Departments

- Reduce Surgical Site Infections (SSIs)
- Prevent Wrong Site Surgeries & Retained Foreign Objects
- Reduce OR Turnover Times & First Case Delays
- Prevent Scope CRE Outbreaks & Cross Contamination

<table>
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<tr>
<th>RVA Application</th>
<th>Objectives</th>
<th>Results</th>
<th>Published Studies/ Editorials</th>
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<tr>
<td>OR Cleaning</td>
<td>Prevent Surgical Site Infections (SSIs)</td>
<td>99%+ Compliance = 20% Reduction in SSIs</td>
<td>AORN</td>
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<tr>
<td>OR Patient Safety &amp; Efficiencies</td>
<td>Prevent Wrong Site Surgeries &amp; Retained Foreign Objects, Reduce Turnover Times</td>
<td>95%+ Safety Performance - 20% Turnover Time Reduction &amp; Increased Surgical Volume</td>
<td>BMJ, AORN, IARS</td>
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<tr>
<td>Upper &amp; Lower Scope Reprocessing</td>
<td>Prevent CRE Outbreaks &amp; Cross Contamination</td>
<td>99%+ Compliance</td>
<td>Joint Commission Journal, ISQUA, ASGE</td>
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The Power of Video Recording
Taking Quality to the Next Level
Martin A. Makary, MD, MPH

2013 Published Editorial

BMJ QUALITY & SAFETY
The international journal of healthcare improvement
Remote video auditing with real-time feedback in an academic surgical suite improves safety and efficiency metrics: a cluster randomised study
Frank J. Overyd,1 Oonagh Downey, 2 Sheldon Newman, 1 David Glatt,1 Michelle C

2015 Published Study

BMJ QUALITY & SAFETY
The international journal of healthcare improvement
Video transparency: a powerful tool for patient safety and quality improvement
Sarah Jin; Tim Xu; Martin A Makary.1 2

2016 Published Editorial

AORN JOURNAL
The official voice of perioperative nursing
Remote Video Auditing in the Surgical Setting
Anne Pedersen, RN, BSN, NAP; Elizabeth Getty Ritter, MAP, RN; Megan Beaton, BSN, RN; Cindy Davio Giambone, MSN

2017 Published Study

AORN JOURNAL
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Remote Video Auditing in the Surgical Setting
Anne Pedersen, RN, BSN, NAP; Elizabeth Getty Ritter, MAP, RN; Megan Beaton, BSN, RN; Cindy Davio Giambone, MSN
**Arrowsight Portable Cameras for OR Cleaning**

1. EVS worker places portable camera on wall bracket for *in-between case cleaning & terminal cleaning*

2. EVS worker cleans room

3. EVS worker returns portable camera to the supervisor’s office at end of shift and plugs camera into Internet router

4. Arrowsight audits OR cleaning performance and sends daily reports to ID and EVS managers

**LEGEND**

SSI = Surgical Site Infection  
EVS = Environmental Services  
Peri-op = Perioperative  
ID = Infections Disease  
OR = Operating Room

**Arrowsight Quality, Patient Safety & OR Throughput Services**

**Real-Time OR Throughput Metrics**

**OR Real-Time Status**

**3rd Party RVA Services for Duodenoscope and Other Upper & Lower Scope Reprocessing**

**RVA Review of Multi-Step Reprocessing**  
(Examples of major steps)

**For More Information**

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