

# BIOTRACE™ INSTANT READ STEAM SYSTEM DRIVES EFFICIENCY IN WELLSTAR'S HIGH VOLUME SURGERY CENTER



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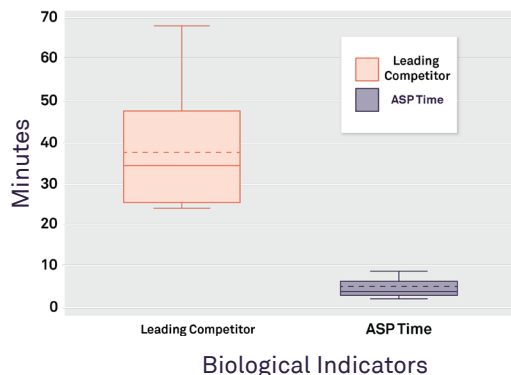
Wellstar Kennestone Regional Medical Center operates in a high-volume surgical environment where rapid sterilizer turnover and accurate documentation are critical to patient safety and OR readiness. The Sterile Processing Department (SPD) identifies challenges with its current biological indicator (BI) workflow, which requires 24-minute readouts—creating bottlenecks and increasing staff stress during periods of peak demand. This customer story summarizes an observational evaluation comparing the BIOTRACE™ Instant Read Steam System with a leading competitor's biological indicator system, including insights on post-processing, documentation, and overall workflow efficiency.

## Key Insights from Staff Interviews

- Rapid Readout (7 Seconds)**  
Enables immediate unloading and reloading of sterilizers, increasing throughput and reducing workflow interruptions.
- Improved Operation Efficiency**  
Faster paperwork completion allows staff to move on quickly, reducing idle time and multitasking delays.
- Simplified Training & Reduced Errors**  
Streamlined process lowers risk of mistakes and makes onboarding easier for new SPD staff.
- Enhanced Usability**  
Built-in ampule crusher for ease of use, with smaller BI packaging that frees up space on the sterilization cart and in storage.
- Immediate Action on Failures**  
Rapid feedback supports quick response to failures.
- Compliance & Safety**  
Accurate documentation supports regulatory compliance and patient safety.

## ASP BIOTRACE™ Instant Read Steam System vs. Leading Competitor

### Post Processing Time Comparisons and Conclusions:



| Metric (min) | ASP Time |
|--------------|----------|
| Mean         | 4.47     |
| Median       | 4.00     |
| Mode         | 3        |
| Range        | 2.20     |
| Std. Dev     | 2.20     |

| Metric (min) | Leading Competitor Time |
|--------------|-------------------------|
| Mean         | 37.27                   |
| Median       | 34.00                   |
| Mode         | 24                      |
| Range        | 44                      |
| Std. Dev     | 13.23                   |

**~8x faster mean post-processing:**  
ASP BIOTRACE™ Instant Read Steam System averages 4.5 min vs. 37.3 min for Leading Competitor (medians 4 vs. 34 min).

**More predictable:** ASP shows low variability (std dev 2.2 min, range 2.2 min) compared with Leading Competitor (std dev 13.2 min, range 44 min).

**Fewer long delays:** Leading Competitor exhibits a long tail with cases approaching ~70 min, while ASP remains tightly clustered around ~3–6 min.



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Important information: Prior to use, refer to the complete instructions for use supplied with the device(s) for proper use, indications, contraindications, warnings and precautions.

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AP-2501518-1