SURGICAL SOLUTIONS

CASE STUDY

Optimize Robotics

Full Compliance & Dollars Saved

Overview

A major New York Integrated Delivery Network (IDN), partnered with Surgical Solutions to accomplish many things, but improving robotics support across its facilities was a major priority. Before working with Surgical Solutions, the robotics program inefficiencies included improper tools, lack of IFU (Instructions for Use) compliance, and limited traceability of robotic instruments. These issues had a serious impact, ranging from cost issues to compliance and patient safety concerns.

The Challenge

The rising costs in robotics is something all hospitals face, but this group had serious issues:

- **Non-compliant reprocessing methods** (incorrect processes with brushes, missing flushing hoses, and poor IFU adherence).
- **Complicated, counterintuitive data** that lacked understanding and limited the ability to track robotic instrument usage and replacement schedules.
- **Vendor-managed robotics support** created conflicts of interest, gaps in accountability and overspending of funds.

Our Approach

Surgical Solutions took over full robotics operations and implemented:

- Real-time case support and scope handling to ensure compliance and safety.
- Proper IFU adherence using approved tools.
- Individualized robotic instrument tracking to maintain traceability and reprocessing compliance.
- Real-time evaluation and replacement of robotic instruments based on reprocessing limits.
- Improved returns and exchange process of scopes and instruments to maximize asset value.
- Optimized instrument inventory for maximum value, reducing unnecessary spend.
- Streamlined supply chain operations to close accountability gaps.
- Ongoing staff education to stay ahead of evolving IFU requirements, minimizing risk and reducing repairs.

Key Results

$685,485
Combined savings

Savings increased an additional 13% YOY

- 2024 Annual Savings: **$321,718**
- 2025 Annual Savings: **$363,767**

- **Compliance:** Full IFU adherence and audit-ready documentation.
- **Efficiency:** Eliminated risks from bundling multiple instruments in trays; each instrument tracked individually to prevent overuse.
- **Sustainability:** End-of-Life tracking system for robotic instruments ensures timely replacement, reducing unexpected costs.
- **Physician Satisfaction:** Improved intraoperative support boosted surgeon confidence and overall program adoption.

Proven Outcomes. Trusted Partnerships.
Surgical Solutions is redefining surgical operations.

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Impact

By centralizing robotics management under Surgical Solutions, the NYC hospital group achieved significant cost savings, regulatory compliance, and safer surgical outcomes. All the while, efforts were key in scaling robotics support across all hospitals in the system, bringing considerable savings.

By the Numbers: **Robotics Impact with Surgical Solutions**

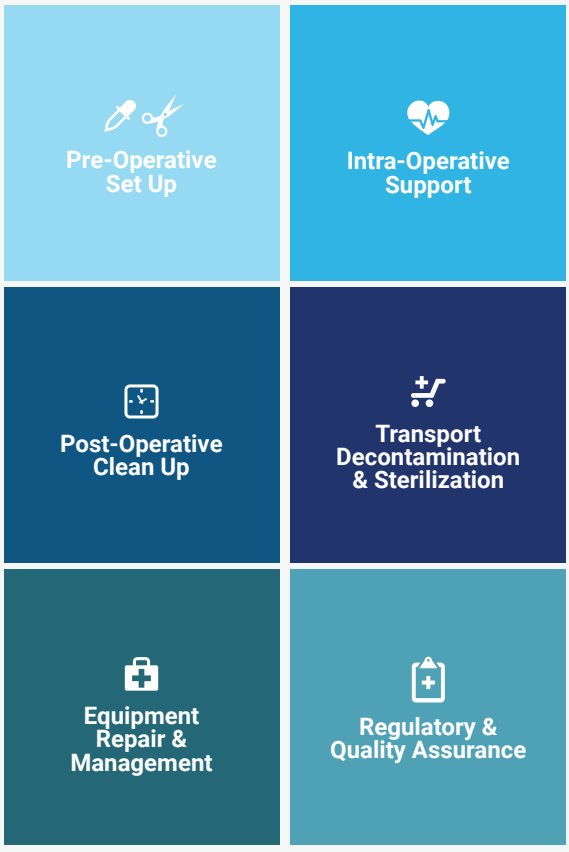
- **$685,485 Combined Savings**
- **100% Compliant**
  Full IFU adherence with audit-ready documentation
- **Boosted Satisfaction**
  Improved intra-op support enhanced surgeon confidence

Why Choose Surgical Solutions

Transforming lives is at the heart of everything we do.
Our services bring:

- **Precision and Reliability:**
  Every process we manage is designed with meticulous care to improve outcomes for your team and patients.
- **Tailored Solutions:**
  We customize our approach to meet the unique needs of each hospital, enabling efficient workflows and seamless operations.
- **Unparalleled Expertise:**
  With skilled, certified technicians and innovative problem-solving, we address challenges proactively to minimize disruptions.
- **Cost-Effective Care:**
  Our cost-sharing model ensures hospitals only pay for the services they need, reducing expenses while maintaining quality.
- **Commitment to Excellence:**
  With 0 deficiencies in Joint Commission audits, our results speak for themselves.

Let Surgical Solutions empower your hospital with proven expertise and a collaborative approach. Together, we'll optimize efficiency, elevate patient care and achieve lasting improvements.



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