iRIScope is an endoscope tracking system designed for surgical specialty care providers to manage the storage, utilization, and reprocessing of flexible endoscopes. Through a patient-centric design, iRIScope creates a comprehensive approach to managing these instruments and leads to improved care quality, patient safety, and operational performance.

Using RFID technology, iRIScope provides an easy-to-use solution that automates the workflow of endoscope utilization and reprocessing for nurses and surgical technicians. Through workflow automation, care providers can enhance their approaches to better manage endoscopes and maintain compliance with utilization and reprocessing requirements.

**Benefits of iRIScope:**

**Increase Patient Safety**
Prevent equipment cross-contamination and avoid risk for proliferation or transmission of infectious diseases.

**Improve Care Quality**
Enhance compliance to protocols for equipment cleaning, reprocessing, and utilization.

**Optimize Asset Management**
Track equipment utilization and repair while mitigating the potential for equipment theft, damage or mis-use.

**Create Traceability**
Automate endoscope tracking to patients or procedures; including item level detail such as vendor, model number, and serial number.

**A Focus on Safer, Smarter Care**

iRIScope uses advanced workflow automation and communication technologies to help care providers create the safest environments for their patients. The system uses surveillance features to provide notifications to end users when events occur that could create risk to the patient care process. For example, if endoscopes are used during a procedure and do not follow the proper reprocessing protocols prior to return to storage, the system alerts end users. Illustrated are visual ‘lock-down’ notifications on the storage units and alert messages sent through Blackberry® or iPhone® devices.
Features and Functions

Cabinet-Based Storage Units:
- RFID enabled units are located within instrument storage areas to store and manage access to flexible endoscopes.
- Access to cabinet units is managed through a variety of user authentication mechanisms such as magstripe reading, HID reading, and personalized PIN codes.
- End user workflow is fast and efficient, facilitated by an easy-to-use touchscreen monitor and RFID-based automation.
- Hangers and retaining systems prevent damage of endoscopes while stored, withdrawn, or returned.
- Forced-ventilation within cabinet units facilitates drying of endoscopes following reprocessing washes.

Cleaning/Reprocessing Station:
- Work stations are situated within cleaning and reprocessing areas.
- Supports automation and tracking of compliance to cleaning and disinfection protocols.
- Workflow automation is facilitated through mounted RFID reader and touchscreen monitor

Additional Software:
- Rules and alerts delivered to email and handheld devices provide notification on unknown equipment status (e.g. 24 hour absence) and reprocessing protocol compliance.
- Web-based reporting tools support analysis of endoscope utilization, instrument location and status, reprocessing compliance, and operational performance in equipment handling.
- System interfaces can be implemented to more seamlessly automate the identification and association of patients with flexible endoscope use.

iRIScope Technology:

<table>
<thead>
<tr>
<th>Main Cabinet Models</th>
<th>Auxiliary Cabinet Models</th>
<th>Cleaning/Reprocessing Station</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single Main (stores up to 6 endoscopes)</td>
<td>Single Auxiliary (stores up to 6 endoscopes)</td>
<td>Single unit required for each location performing cleaning or reprocessing activities.</td>
</tr>
<tr>
<td>Double Main (stores up to 14 endoscopes)</td>
<td>Double Auxiliary (stores up to 14 endoscopes)</td>
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