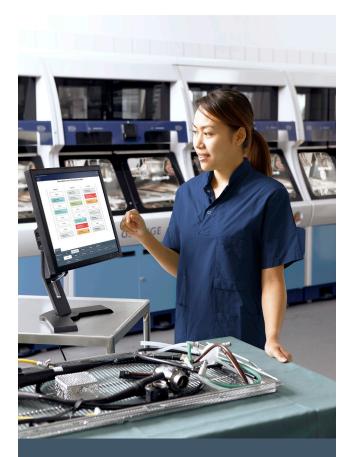# T-DOC EndoTrace

Optimizing endoscope reprocessing and utilization

The complex nature of endoscope reprocessing and handling places high demands on cleaning, storage and transportation. Adding to the complexity, endoscopes involve an increased risk of cross-contamination when compared with surgical instruments.

T-DOC EndoTrace gives you the tools to overcome these challenges. T-DOC EndoTrace supports you in ensuring correct endoscope handling, regulatory compliance, and the highest level of patient safety.

Handling endoscope complexity

Detailed reprocessing instructions are needed to effectively reprocess today's high value and highly complex endoscopes. T-DOC EndoTrace enables staff to perform accurate disassembly, manual cleaning and checking of endoscopes by using simple handling steps with images, sound and/or video.

The intuitive touchscreen interface guides the users at each location to reprocess, store and use the endoscope in accordance with the manufacturer's instructions. Importantly, if any steps were skipped, or any processes failed, staff are immediately alerted.

Key features

- Detailed handling instructions with images/video

- Tracking of all endoscope processes and linking to the patient/doctor

- Reporting on disinfection processes, equipment usage, error and recalls, using patient ID

- Drying cabinet info overview to help manage location and expiry time of endoscopes

- Full overview of repairs, costs and vendors

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Track all unique endoscope processes

In T-DOC, a procedure linked to a patient can be tracked reliably to the actual endoscope used, the unique endoscope components, the unique automated endoscope reprocessor and process, and storage cabinets. T-DOC documents essential details such as detergents and cleaning equipment that are used on the endoscopes. It also links endoscopes to all staff handling goods, maintenance and repairs.

Full repair registration

A simple scan registers repairs, along with all vendor and compliance information, at various reprocessing points. This allows for tracking of which endoscopes were repaired, where and when the repair took place, and what procedures were used.

The detailed repair overview in T-DOC facilitates easy documentation and management of costs associated with high value endoscope production. The repair statistics can also be used at contract re-negotiations with device or repair vendors.

Configurable information overviews

The drying cabinet info overview in T-DOC provides quick insight into the location and expiry times of all endoscopes in the drying and storage cabinets. It supports first-in-first-out principles and enables departments to optimize the usage of available endoscopes.

Endoscopes located in the drying and storage cabinets can be filtered according to specific criteria, such as types of endoscopes or predefined timing rules. The views are accessible from treatment rooms, enabling nurses to identify available endoscopes.

Minimize expired endoscopes

T-DOC provides a complete overview of endoscopes' expiry times and assigns pre-defined expire time rules to groups or single endoscopes. Expiry times can be calculated for all endoscopes based on their type of handling, cleaning, transport and storage. T-DOC facilitates compliance with local and national standards regarding maximum time intervals, for example, between disinfection, the drying process and the actual use on a patient.

Compliance with regulatory standards

T-DOC tracks endoscopes from the reprocessing to treatment room and on to the patient. The system provides a documented record that all endoscopes are disinfected correctly and in accordance with your hospital's required processes as well as local, national and international regulatory standards.

With numerous options for reporting and statistics, T-DOC allows for procedures to be based on best practices and actual data – not on assumptions.

Return on investment

T-DOC directly impacts savings within an endoscopy unit by maximizing endoscope utilization, tracking costly endoscope repairs, and managing non-conformance and quality issues. T-DOC also reduces manual processes and ensures endoscopes are reprocessed in appropriate cycles to prevent damage to these valuable assets.

Future expansion possibilities

For full integration to the CSSD, T-DOC EndoTrace can be upgraded to Getinge's premium sterile supply management solution, T-DOC 2000. This solution enables reprocessing, handling and logistics of all surgical assets. Information across departments can easily be shared to provide a real-time overview of instruments, endoscopes, and related supplies.

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