Reprocessing Management Module

A comprehensive reprocessing data management system for the OER-Pro
Today, the ability to accurately record and quickly access reprocessing data is essential for the safe operation of any endoscopy suite. The Olympus Reprocessing Management Module (RMM) is an intelligent data management system that interfaces with the Olympus OER-Pro endoscope reprocessor to unify your facility's reprocessing-related activities.

With centralized reprocessing records and network connectivity, the RMM can simplify and consolidate your records to mitigate infection control risks and keep your documentation compliant with industry standards. It can also automate data capture to minimize manual entry errors while optimizing operational efficiencies by tracking usage of your AERs, endoscopes, and consumables.

1 The RMM system also can be used with other automated endoscope reprocessors by manually entering the data.
3 When used in conjunction with the OER-Pro and Olympus RFID-enabled endoscopes, the RMM system eliminates the need for manual data entry of endoscope information.
Mitigating Risk

Infection control is always a critical factor in the success and safety of any endoscopy suite. Automated data capture and record consolidation for reprocessing-related activities can help your endoscopy suite mitigate your risks related to errors made during manual data entry. With all records kept in a searchable database, you are enabled to quickly retrieve critical tracking information in the event of a infection control emergency.

Unifying Reprocessing-Related Activities

The Reprocessing Management Module is operated through a dedicated computer that is connected to one or more OER-Pros to record data such as reprocessing cycles, endoscope ID information, staff operators, supply consumption, and remote diagnostics. A keyboard and mouse allow manual entry of any data that cannot be captured automatically.

Ensuring Compliance

Ensuring compliance with industry guidelines for reprocessing record keeping can be time consuming and a source of concern. The Reprocessing Management Module simplifies this task and eases compliance concerns with documentation that meets and exceeds Multisociety and FDA guidelines for endoscope reprocessing.¹

When the Olympus OER-Pro is connected to the RMM system and used with Olympus RFID-enabled endoscopes, the fields highlighted in yellow are automatically populated, saving valuable documentation time. Captured data includes: reprocessor model; endoscope name, model and serial number; reprocessing start and end time; responsible staff, error code, and cycle description. Manual entries can be made in all of these fields as well to support non-Olympus reprocessors and endoscopes. In general, all other fields shown are optional manual entries.

Documenting Guideline


Optimizing Efficiency

As budgets shrink and responsibilities increase across hospital departments, there is a pressing need for optimizing operational efficiencies. The Reprocessing Management Module can help in several key areas:

1. **Savings:**
   The RMM system, when combined with the OER-Pro’s RFID capabilities for capturing endoscope and staff ID information, helps reduce the time burden placed on staff associated with manual data entry.

2. **Optimization:**
   Used in conjunction with the OER-Pro, the RMM system can help improve the operational cost efficiency of your endoscopy suite. By tracking usage of your AERs, endoscopes, and consumables, you can better analyze your use needs to determine the optimal mix of equipment and the required levels of consumable inventory to have on hand.

3. **Inventory Management:**
   The RMM system can save your facility time by validating reprocessing stock orders and increase the predictability of your reprocessing supply budget. Used in conjunction with the OER-Pro, the RMM system displays the current status of key reprocessing supplies compared to set, site-specific thresholds. The RMM system can also record date, time, cost, and responsible staff data.

4. **Remote Assistance:**
   To minimize downtime, reduce on-site visits, and provide advanced support for your data management, the RMM system’s remote assistance feature allows Olympus technicians to access your RMM server remotely to perform troubleshooting in real time, help solve problems over the phone, and execute required customizations and updates to your system.

5. **Advanced Operations:**
   The optional addition of the Olympus DICOM (Digital Imaging Communication in Medicine) Communication Module and EVIS EXERA III endoscopy system to your RMM system can help you glean more functionality from your reprocessing data management. It can seamlessly integrate with your hospital’s existing information management system so you can automatically populate your reprocessing records with key patient data (name, medical record number, and gender).

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The Future of Workflow Systems

At Olympus, we envision a future where overall operations are streamlined by integrating IT devices and networks. Our interfaces, including the RMM system, are designed to combine information from Olympus products with data from medical information management systems to help optimize the flow of activity in the endoscopy suite and the medical facility overall.