EXPECT THE NEXT

ENDOBASE NEXT – A Single Documentation System
for the Whole Endoscopy Workflow
A SINGLE DOCUMENTATION SYSTEM FOR THE WHOLE ENDOSCOPY WORKFLOW

ENDOBASE NEXT reliably gathers and links all significant data for the endoscopy department and gives access to relevant information in associated systems.

**Smart Update**
For remote maintenance without downtime of ENDOBASE NEXT.

**HIS**
Complete integration.

**PACS/VNA**
Complete integration.

**Disinfection, Drying, and Storage**
Reprocessing equipment recognizes and registers the endoscopes, and automatically transfers the reprocessing protocols to ENDOBASE NEXT.

**Manual Cleaning**
Process steps carried out manually, for example pre-cleaning, can be assigned and marked as completed in the documentation system.

**Patient Scheduling**
The system provides a convenient overview of the scheduled patients for planning the day in the department.

**Increase Safety: Scope Management**
Should an endoscope be planned for an examination despite possible damage or insufficient reprocessing, ENDOBASE NEXT will recognize this and raise an alert.

**Simplified Reporting**
Documentation of the procedure and findings using ENDOBASE NEXT is simple, quick, and consistent.

**At a Single Press of a Button**
Simply press a button on the endoscope to take as many images and videos as wanted.
For the endoscopy unit: ENDObASE NEXT supports the entire examination work process and simplifies comprehensive documentation.

**Patient Scheduling**
ENDObASE NEXT gives a convenient overview of the scheduled patients for planning the day in the department. Moreover, the patient history can be accessed quickly and easily.

**Increase Safety: Scope Management**
Should an endoscope be planned for an examination despite possible damage or insufficient reprocessing, ENDObASE NEXT will recognize this and raise an alert.

**At a Single Press of a Button**
Simply press a button on the endoscope to take as many photos and videos as wanted. Parallel documentation enables the physician to make notes during the procedure, for example of the medication.

**Simplified Reporting**
Documentation of the examination using ENDObASE NEXT is simple, quick, and consistent.

**Quality Assurance through Comparability**
The system enables easy and convenient queries and statistics on examination data for quality assurance.

**All Information is Available**
The ENDObASE NEXT “One View” concept provides ease of orientation and a quick overview. ENDObASE NEXT retrieves all data needed to carry out the examination from the hospital information system (HIS), and presents information such as patient history, medication, and other data relevant to the examination in a compact overview.

**Flexible and Accessible**
ENDObASE NEXT can be used from any room equipped with a computer that is connected to ENDObASE NEXT, be it an examination room or an office. The user interface and access rights can be adapted to the respective location and type of use.

**Perfectly Integrated in the Workflow**
Thanks to the easy-to-use interface, it’s just a few clicks from room planning to the patient file. ENDObASE NEXT also communicates directly with the connected Olympus endoscopes. This makes it possible to save as many images and videos as wanted directly into ENDObASE NEXT during the examination simply by pressing a single button on the endoscope. At the same time, relevant patient information can be overlaid on the examination screen during the examination.

**Increased Safety**
Should an endoscope be planned for an examination despite possible damage or insufficient reprocessing, ENDObASE NEXT will recognize this and raise an alert.

**Simplified Reporting**
The report writing of the examination can take place directly in the examination room or later at the desk. Thanks to individually customizable templates, tailored precisely to the requirements and processes of the department, documentation of the procedure using ENDObASE NEXT is simple, quick, and consistent. Based on the diagnosis, a standardized, HL7-compliant report can be produced using structured terminology; this can then be transmitted to the HIS, where it is added to the patient file. The standardization of reports means that they can be completed quickly and that results can easily be compared.

**ENDObASE NEXT. Collects and Connects All Desired Data, at Any Time.**
CONSISTENT DOCUMENTATION FOR COMPLETE TRACEABILITY

For the reprocessing: ENDOBASE NEXT identifies devices and tasks and simplifies the complete process documentation.

Available Scope Management
ENDOBASE NEXT checks the reprocessing history and recognizes if an endoscope is planned for an examination despite possible damage or insufficient reprocessing.

Manual Cleaning
Process steps carried out manually, for example pre-cleaning, can be assigned and marked as completed in the documentation system.

Disinfection, Drying, and Storage
ENDOBASE NEXT in combination with Olympus reprocessing equipment recognizes and registers the endoscopes and automatically transfers the reprocessing protocols. The system makes it possible to identify staff easily using a chip card directly connected with the system. The system also recognizes and registers the endoscopes themselves by means of RFID.

Everything’s Covered – Full Traceability
ENDOBASE NEXT simplifies the traceability of the reprocessing of endoscopes and links manual entries with automatically collected data. Every step of the process can be assigned in the documentation to the person who carried it out.

Automatic Identification
ENDOBASE NEXT makes it possible to identify staff easily using a chip card directly connected with the system. It also recognizes and registers the endoscopes themselves by means of RFID.

Nothing Is Overlooked
Process steps carried out manually, for example pre-cleaning, can be marked as completed in the system.

Precise Data
ENDOBASE NEXT independently records the automated steps of the reprocessing procedure. The success or failure of endoscope cleaning, for example, is captured, as is the length of time an endoscope was stored in the drying cabinet.

Complete Overview and Security Spanning All Systems
The documentation within ENDOBASE NEXT means that the current status of each endoscope is recorded, along with a responsible person for each process step. Interconnectivity with the hospital information system then links this data with the associated patient files.

At the beginning of an examination, ENDOBASE NEXT checks the endoscope history. When the reprocessing documentation is complete, it releases the endoscope for the next examination. This information is also added to the patient history.

Efficient Storage
ENDOBASE NEXT saves all the relevant data, making the additional printed documentation of reprocessing obsolete. This reduces storage space and material costs.

ENDOBASE NEXT – Automatic Recognition and Documentation of Tasks and Devices.
For the hospital IT: With ENDOBASE NEXT as the center of the endoscopy department’s software landscape, IT infrastructure becomes more manageable.

**Added Value for Endoscopy**
ENDOBASE NEXT supports the endoscopy department’s processes, from patient scheduling to the reporting of examination results and documenting the reprocessing of equipment used. Large parts of this happen automatically, and it conforms with international protocols and standards. In this way processes are simplified and patient safety is increased.

**Connected for Safety and Convenience**
ENDOBASE NEXT can be integrated with existing systems such as the hospital information system (HIS) or the image archive (PACS or Vendor Neutral Archive). ENDOBASE NEXT can connect with these systems and read data from them. As an example, the patient history from the HIS and the data about the reprocessing of the endoscopes used are linked together in ENDOBASE NEXT and fed back via HL7.

**Satisfies International Standards and Individual Requirements**
Examination results can be fed into the patient file via HL7 communication. Report templates can be adjusted to fulfill the requirements of the existing system architecture.

**Stable Uptime**
The “Smart Update” function allows for remote maintenance of ENDOBASE NEXT by Olympus. Updates can simply be carried out overnight or at predetermined times, without shutting down the clients. In practice, this means: switch off at the end of the day, start the system again the next morning, and always be operating the latest software.

**Easily Manageable**
ENDOBASE NEXT runs on a real or virtual server. This simplifies maintenance and backups.

**Needs-Based Service Contracts**
Modular service contracts mean that the service for ENDOBASE NEXT can be tailored to suit the hospital’s exact requirements.

ENDOBASE NEXT – Comprehensive Connectivity, Full Maintenance Service, Stable Uptime.
ENDOBASE NEXT – YOUR BENEFITS AT A GLANCE

- ENDOBASE NEXT reduces your preparation time as all relevant data is automatically collected and easily available.
- It connects with existing patient databases and retrieves all necessary information.
- Increase patient satisfaction with reliable scheduling for rooms, staff, and equipment. The flexible worklist feature in ENDOBASE NEXT allows for fast and clearly arranged planning.
- Check the status of available endoscopes directly in ENDOBASE NEXT by looking at the reprocessing data even before the examination starts.
- During the examination, all documentation can be carried out in parallel, at different workstations if necessary. It is compiled in ENDOBASE NEXT.
- Videos and still images can simultaneously be recorded directly in ENDOBASE NEXT, all with the push of a single button.
- When an image or video is recorded, ENDOBASE NEXT gives reliable acoustic and visual feedback to ensure that all important views are captured.
- Documentation and reporting become faster with the comprehensive overview in the ENDOBASE NEXT interface and the standardized, HL7-compliant terminology for findings.
- Reports can be linked to billing codes in ENDOBASE NEXT and automatically issued.
- All data stored in ENDOBASE NEXT can be transferred to other hospital systems such as HIS and PACS. ENDOBASE NEXT features several statistics and query options that make procedure quality control easy and reliable.
- ENDOBASE NEXT also supports the complete reprocessing documentation with several automated, yet customizable, features.
  - All interfaces can be adapted to the department’s Standard Operating Procedures (SOP)
  - Equipment and staff can be recognized by the system via RFID chips
  - Olympus reprocessing machines communicate directly with the system and allow for automated documentation
- ENDOBASE NEXT can document which endoscope is where and who took it there. This simplifies equipment and user management.
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