

COSMIC Theatre Management

– *The entire process in one system*

COSMIC Theatre Management keeps track of the theatre process. COSMIC Theatre Management supports the surgeon, the anaesthetist, the planning coordinator, the ODP and nursing staff in theatres, recovery and the wards. COSMIC Theatre Management follows the users throughout the process including registration, booking and preparations, live updates during the day of surgery and reporting. Clinical information regarding each patient is readily available in all phases since everything is handled in the same system.

THIS IS HOW COSMIC THEATRE MANAGEMENT WORKS

COSMIC Theatre Management provides comprehensive support for managing the waiting list, case scheduling and recording of data during surgical procedures. The progress in theatres can be monitored via live updates from each ongoing case. The staff can easily anticipate delay and potential resource conflicts at an early stage.

It all starts when the surgeon decides to perform an operation. COSMIC Theatre Management provides customised planning forms for the different procedures. Details can be kept as suggested or changed as required. The patient's medical record, test results, medication and other details can be viewed at the same time.

OPERATION-LIST AND PLANNING

The operations are managed in a waiting list where the details of each case can be found. The list provides extensive search capabilities, especially useful in the planning phase. It is easy to search for cases by surgeon, procedure type, date range, booked

equipment, short notice, and many other criteria. The cases are scheduled in a graphic overview so that all resources can be utilised efficiently. The user can move around the cases by drag-and-drop. Conflicts are shown should the surgeon or any other critical resource be double-booked. Activities can be coordinated, providing a clear overview of the preparations for each patient.

ANAESTHESIA

During the anaesthetic assessment the anaesthetist has all information at hand. The theatre planning form, the medical record, drug list and test results are available at the same time. Pre-defined templates can be used for the assessment, based on the type of anaesthetic or surgical procedure.

During the operation, details such as codes, complications and bleeding are registered. COSMIC keeps track of the patient's fluid balance. Detailed anaesthetic records are used separately, for example via a PDM system with which COSMIC Theatre Management can be integra-

ted. Anaesthetic interventions which often take place outside of theatres can also be handled in COSMIC Theatre Management, such as cardioversion and nerve blocks. By handling all anaesthetic activities in the same system the staff members have a comprehensive overview of the day's work. Reports can include all activities in the anaesthetic department, including the non-surgical interventions.

THEATRE LIVE-VIEW

The live-view indicates how the ongoing cases in theatre are proceeding. Fine-tuning and sudden modifications of the day-list can be made here. The view is automatically updated, reflecting the current status in each theatre. Delays and resource conflicts are visible in this graphic view. Emergency cases appear in the same view and can be scheduled to the theatres by drag and drop. Also staff from other units outside of the theatres, such as the central sterilisation department and the wards benefit greatly from being able to follow the progress of the operations in real time.

DURING THE OPERATION

Information such as codes, times-tamps, staff, equipment, instruments, implants and much more, is registered during the operation. Templates can be custom-designed to cater for different procedure types or surgical specialties. The information recorded in COSMIC Theatre Management can be used for a number of local and national registers and follow-ups.

ACTIVITIES

Activity checklists can easily be added to each case. The user can add or remove specific activities. The checklists may contain activities to be carried out before, during or after surgery, such as tests, preoperative shower, skin marking and disinfection, identity check, WHO timeout, appointment for suture removal etc.

FOLLOW-UP

Theatre Management quickly becomes an invaluable source of information which can be used for various follow-ups for both administrative and clinical purposes.

The fact that the entire care is managed within one system facilitates extensive analyzes of entire health care flows, such as surgical and anaesthetic techniques in relation to postoperative hospitalisation, medication and complications.

