OR Cockpit+ Visual Management Tool
Real-Time Smart Information

Monitor the Entire Surgery Department

Displayed Information
- Antibiotic application
- Door movements
- HVAC
- Laser, x-ray/implant indicator
- Patient demographics
- Patient monitoring
- Patient safety score
- Staff identification
- Surgical procedure
- Time
- WHO checklists: Time out, Sign out

Real-Time Smart Information
- Integrates data from EMR/EHR (e.g. EPIC, Cerner), major OR equipment and systems
- Validates and interprets that data, displaying essential information to clinical staff

Improved Compliance and Protocol Use
- Provides your protocol visibility to ensure patient safety and compliance
- Staff can be alerted when a set parameter is broken or the status of a certain patient safety protocol is in place for a given procedure
- Database stores information on each procedure giving department and hospital administrators a compliance safety score for each procedure by type, team and doctor

Clinical Business Intelligence & Continuous Learning
- Use of real-time analytics, monitoring, and reporting allow staff to continuously develop and improve their quality of care and patient safety
- Preventative surgical site infections and associated readmissions are reduced through increased protocol compliance

Improve staff efficiency and patient safety

OR Cockpit+ is a real-time visual management solution for surgery that improves patient safety and process efficiency through increased awareness and the adjustment of behavior and workflow processes. With this system, surgical teams benefit from smart real-time information, dynamic safety protocols and increased work-flow control, all through one central system. OR Cockpit+ enables superior patient safety and productivity levels, as well as analysis and reports on any performance parameter.

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Flexible Dashboards
Make all relevant indicators clearly visible on self-scaling web-based dashboards inside and outside of the OR. They can also serve as logistical displays in the central holding and recovery areas, and are available on mobile platforms with security clearance.

Dynamic Protocol Use
All relevant clinical and safety protocols are integrated in the OR Cockpit+, which makes them easier to use consistently. The system provides alerts upon any non compliance and in such event provides immediate guidance - automatically or by tapping on the screen - as to what action is best to be taken.

PATIENT SAFETY SCORE
By displaying an intelligent real-time patient safety score during and after any surgical procedure, the OR team becomes increasingly aware of the quality of care and patient safety in each procedure. This can result in a decline of surgical site infections and associated readmissions.

Integration of Checklists
Checklists can be set up flexibly and typically conduct time out procedures, sign-out, cleaning, day checks, fire prevention etc. The content and number of questions are dynamically adjusted based on information from the source systems. Completion of checklists is swiftly and optimally ensured by OR Cockpit+.

AUTOMATED ANALYSIS AND REPORTING
All monitored information can comprehensively but effortlessly be analyzed and exported in the web-based tool.

Interoperability & OR Automation
By combining inbound and outbound data connections to different source systems (EHR/PDMS/HIS/BMS) with smart algorithms, the displays show only the relevant information to the right user at the right time. The OR can also be partly automated through OR Cockpit+ such as adjusting night modes for light and air filtering during ongoing procedures.

Information

Safety Compliance

Monitoring & Reporting
Clinical Business Intelligence

Real-Time Smart Dashboards
Real-time smart dashboards are developed for each OR area, tailored to each team’s information needs, workflow and safety protocols.

Customizable Dashboards & Checklists

- Information Access
  - Information available to all, so the entire team feels empowered

- Communication
  - Communicate easily throughout the department, visually and in real-time
  - Reduce manual communications

- Easy
  - Less data registration stress on caregivers

Scheduling Desk
Inside & Outside Sterile Core
PACU
Prep & Hold

Web-Based Reporting & Analytics

OR Cockpit™ provides data analysis and continuous learning through automated data reviews that track and trace OR inefficiencies as well as SSI contributors. All of which result in significant cost savings for hospitals, less burden on caregivers and significantly higher quality of care for patients.

- Decrease in risk of errors
- Decrease in SSI’s
- Cost savings
- Increase in OR efficiency
Skytron is the Healthcare Efficiency Specialist, providing full-room solutions of capital equipment, architectural and real-time information systems for Medical, Surgical, Sterile Processing, and Infection Prevention. Our solutions enhance the utilization of people, facilities, and capital because they are designed with the user in mind and have a low, long-term cost of ownership.

To learn more, visit our website at www.skytron.com