



OR Cockpit

Visual Management Solution



Improving staff efficiency and patient safety

OR Cockpit is a real-time visual management solution designed for the surgery department. This intuitive software's purpose is to improve patient safety, reduce risk through increased protocol compliance, and increase operational efficiency. Active visual cues, departmental reporting, and real-time communication are available right at your fingertips to add immediate benefits to your department and create positive behavior change.

Easily Access Information

- Working in real-time to get you the information you need, right when you need it
- Provides opportunity identification with benchmarking, trend analysis, and departmental reporting

Safety for Patients and Staff

- Use of real-time analytics, monitoring, and reporting allow staff to continuously develop and improve their quality of care and patient safety
- Optimize patient safety through protocol 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

Increased Department Efficiency

- Access relevant case information in one location including scheduling deviations, utilization, and block time efficiency
- Create higher operating room turnover knowing exactly when the previous surgery was complete



Time
Efficiency



Patient
Safety



Real-Time
Information

Improve patient care

Increased protocol visibility allows staff to continually learn and improve on a patient's quality of care. Real-time patient safety indicators allow team members to have a greater awareness of the patient's needs during an ongoing procedure.



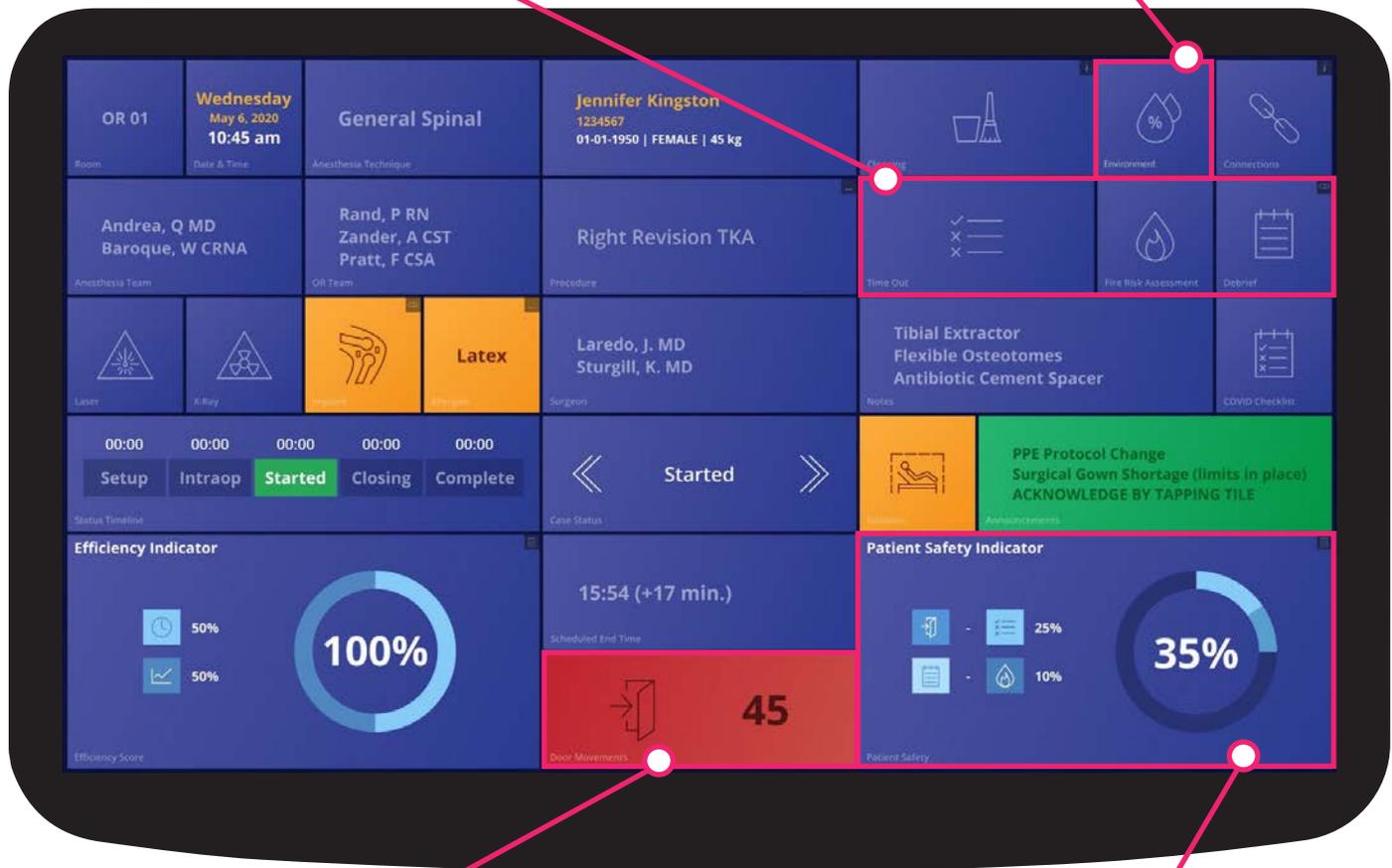
Surgical Safety Checklists

Configure surgical safety checklists to ensure completion per the World Health Organization, Association of periOperative Registered Nurses, and the Joint Commission recommendations to ensure optimal patient safety. All of these relate directly to patient wellbeing and their outcome.



Environmental Parameters

These parameters are monitoring key aspects of the OR environment such as ambient temperature, humidity, and differential pressure. This ensures recommended in-room environmental parameters are maintained during the procedure for greatest patient safety. This visual easily identifies when parameters are out of range for immediate action.



Door Movements

Maintain inside operating room environmental parameters by minimizing unnecessary door movements, all while limiting noise and distractions, letting you focus on the task at hand.



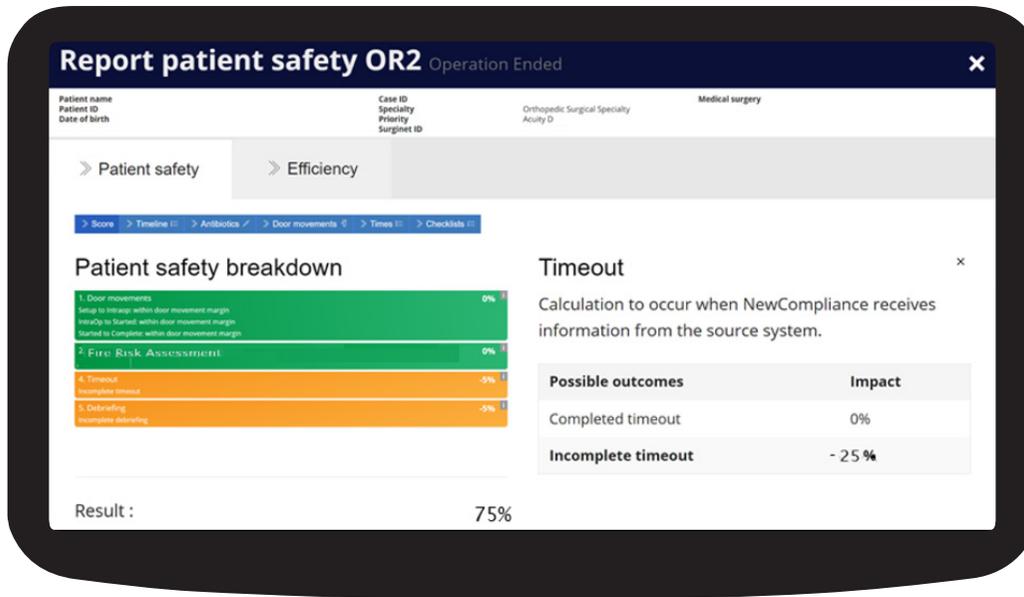
Patient Safety Indicator

A composite score of several key patient safety parameters. When compiled, they provide an indicator of how well the guidelines, as a whole, are being followed. It can help keep the surgical team alert to any potential shortcomings throughout the procedure, which helps improve patient safety and outcomes.

Feel confident and create positive behavior changes

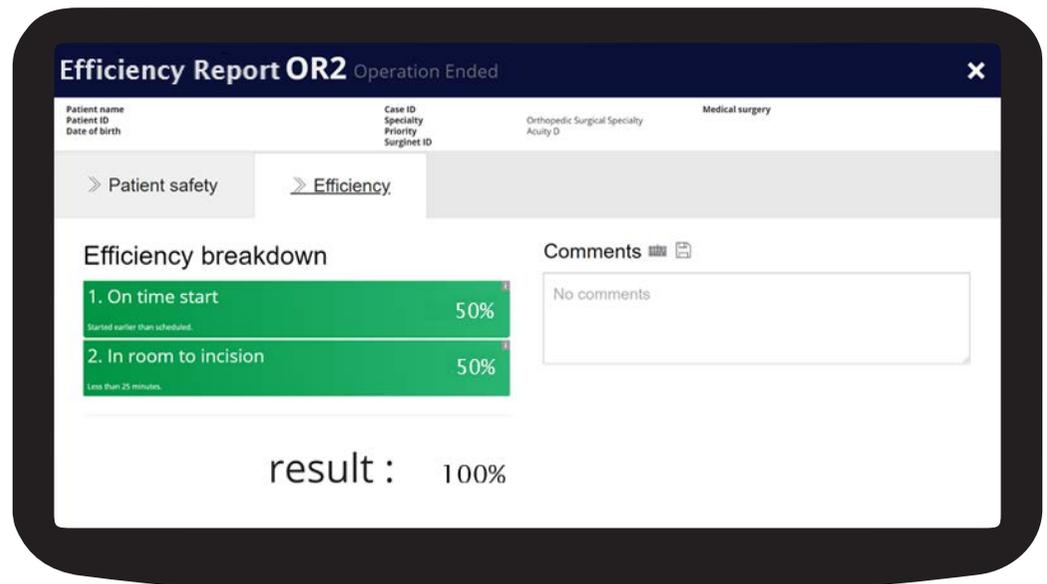
The OR Cockpit provides accessibility at a completely new level, allowing each team member to have real-time, relevant information so that the entire team feels empowered to course correct behavior change.

Patient Safety and Efficiency Indicators allow teams to view their successes as well as their areas for improvement. These, in conjunction with the automated reports and analysis, can help motivate staff to achieve new levels of efficiency and quality of patient care.



Better Patient Outcomes
Achieve better patient safety scores and stay compliant in your OR.

Improved Efficiency
See where you can improve and change your behavior for increased time management.





Faster operating room turnaround

Operating rooms represent the revenue engine of a hospital. We understand that managing an OR requires a significant number of resources, making the efficient use of them important to every hospital. With OR Cockpit's real-time information tools in place, operating room efficiency can be greatly increased.

OR Cockpit's configurable dashboards are developed for each area of the OR to ensure workflow efficiency and consolidates the information into one easily accessible location. OR Cockpit's Dashboard is adaptable and can clearly display indicators both inside and outside of the OR.

Key Operating Room Efficiency Metrics

- Suite Utilization
- Scheduling Accuracy
- Scheduling Efficiency
- Room Turnovers
- Case Start Timeliness
- Case Cancellations

Valleyside Surgical Hospital										Wednesday May 6, 2020 10:45 AM					
Room	Case Status	Start Time	End Time	Patient	Surgeon	Procedure	Notes	OR Team	Allergies	Isolation	Door equipment	Safety Indicator	Efficiency Indicator	EVS	Eviction Alert
OR 01	Surge	10:00am		Sturgill, J 55-10-1982 Male 180kg	Laredo, J MD Sturgill, K MD	Right Revision TKA	Two Patient Nurse-Response Ambulance on-site	Laredo, J MD Sturgill, K MD Friedl, C RN Friedl, C RN	Latex	Yellow	45	35%	100%	✓	
OR 02	Complete	09:00am	10:00am	Redman, P 55-10-1982 Male 180kg	Johann, T MD	Laparoscopic Cholecystectomy	Calm	Plater, L RN Cohen, A CPT Andrew, Q MD	Bedulide	Green	19	100%	100%	✓	
OR 03	Change	09:00am		Wronoski, Z 55-10-1982 Male 180kg	Brown, L MD	Right Carpal Tunnel Release		Shaffer, C RN Barnes, A CPT Barnes, M CTA	NVSA	Green	30	100%	100%	✓	
OR 04	Surge	09:00am		James, T 55-10-1982 Male 180kg	Thompson, B MD	Bilateral Intra-Malleolar	NO BP Right arm	Vaughn, T RN Harbert, A CPT Winters, J MD	Penicillin	Green	12	100%	100%	✓	
OR 05	Surge	10:00am		Mantz, J 55-10-1982 Male 180kg	Algren, S MD	Laparoscopic Appendectomy			Adhesive	Green	13	100%	100%	✓	
OR 06	Surge	10:00am		Young, M 55-10-1982 Male 180kg	Smith, J MD	Left Index Finger Flexor Tendon Repair			NVSA	Green	12	100%	100%	✓	
OR 07	Complete	09:00am	10:00am	Simons, P 55-10-1982 Male 180kg	Reinsel, S MD	Cold Knife Carotidectomy		Lugin's Solution Microscope	NVSA	Green	20	100%	100%	✓	
OR 08															

Sterilizer 1 Down (10:00am)

PPE Protocol Change
Surgical Gown Shortage (limits in place)
ACKNOWLEDGE BY TAPPING FILE

Skytron In-service 5/7 @ 06:00



Change behavior for optimized efficiency

OR Cockpit integrates with your existing EMR/EHR system allowing it to effortlessly analyze and export monitored information automatically. These automated data reviews can help identify OR efficiency opportunities and measure patient safety protocol compliance. This allows caregivers to provide superior quality of care for their patients as well as visualize operational performance on a consistent ongoing basis.

The automated reports can be received daily, weekly, and monthly allowing for increased operating room efficiency.

Daily

- Volume by specialty
- Average turnover time by the surgeon or by room
- Door movements per specialty
- Efficiency and safety indicators by specialty
- Case start delay reasons

Weekly

- Scheduling accuracy – scheduled vs. actual case length
- Same day cancellations
- EVS Cleaning
- Air quality outliers (humidity, pressure, & temperature)

Monthly

- Average case duration for top five procedures
- Top ten surgeon volume
- Average safety indicator by first circulator and first surgical tech
- Average turnover time by specialty

Surgeon & OR Team Performance

- Case count
- Average safety & efficiency indicator
- Door movements
- Turnover time
- Average case duration (top five surgeons)

Environmental Parameters

- Temperature
- Humidity
- Air pressure

Control Desk/Dashboard

- Case status
- Start and end times
- Patient demographics
- Safety and efficiency indicators
- Real-time patient safety scores
- Suite utilization



Sterile Core/Hallway Dashboard

The control desk and hallway dashboards allow for a high-level view of the pertinent operating room information as it relates to department efficiency and communication. These views display relevant indicators and protocols to everyone outside the OR to ensure workflow efficiency.





Circle of Clinical Business Intelligence



Skyvison
Vendor Neutral Design
Easy to Use Interface



Flat Screen Displays
4K & HD Models Available
Fully Flush—Hygienic Design



LENS RTLS
Manage Assets with Ease
Track Potential Infections



OR Cockpit
Easily Access Information in Real-Time
Increase Department 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



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