



CURE VISION

Advanced Solutions
for Modern Operating Rooms

CureVision Digital Negatoscope & Telemedicine

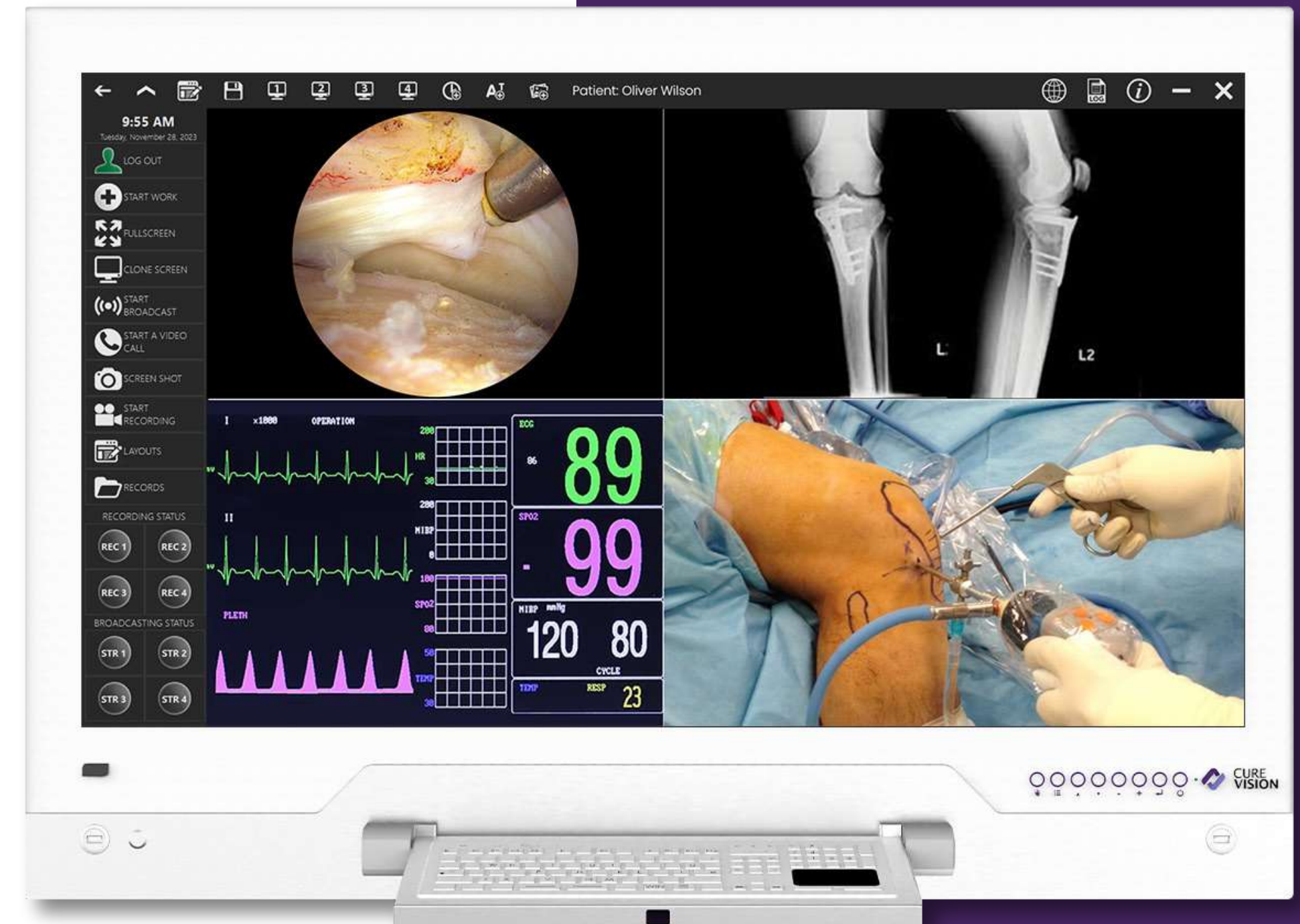
Empowering Healthcare, One Innovation at a Time

Key Features:

- **Video Management Module:** Efficiently manage and control video content.
- **Image Capturing, Archiving, and Publishing:** Comprehensive solutions for image handling.
- **DICOM Compliance:** Full compliance with DICOM standards for seamless integration with PACS images.
- **Barcode and RFID Reader:** Ensures quick and accurate patient data access.
- **Digital Negatoscope:** Advanced digital negatoscope functionality.



- **Display Options:** Available in Full HD with up to 4 simultaneous displays or 4K resolution with one display at a time.
- **Seamless Broadcasting:** Broadcast without application downloads, with no limit on the number of participants.
- **Video Conferencing:** Facilitates consultations via video conferencing.
- **Easy Access to HIS, RIS, and PACS:** Streamlined access to Hospital Information Systems (HIS), Radiology Information Systems (RIS), and Picture Archiving and Communication Systems (PACS).
- **Automatic Recording:** Images and videos are recorded automatically for future reference.
- **Future-Proof Compatibility:** Designed to be compatible with both current and forthcoming technologies.
- **Ergonomic Design:** Easy to disinfect with hospital cleaning agents, featuring IP65-level protection for the front frame against dust and water.
- **Silent, Fanless Design:** Prevents the transfer of microbial contaminants, ensuring a quiet and hygienic environment.



Benefits and Applications: Digital Negatoscope & Telemedicine

- **Unified Information Access:** CureVision's integration systems merge data from various sources, such as patient records, imaging scans, and monitoring devices, into a single interface. This streamlines access to crucial information during surgeries, eliminating the need for manual data retrieval.
- **Ensuring Equipment Compatibility:** CureVision's OR Integration System standardizes interfaces and protocols across different medical devices, ensuring seamless compatibility and reducing technical disruptions during surgeries.
- **Managing Data Overload:** CureVision's data management system efficiently consolidates and stores information, providing a structured environment that facilitates easy access to comprehensive data.



- **Supporting Legal Evidence:** CureVision provides necessary evidence for malpractice lawsuits through its thorough recording and archiving features. Securely stored data in PACS ensures a reliable and organized repository.
- **Facilitating Training & Education:** CureVision's telemedicine feature enables real-time global training and education. It offers an immersive educational experience while ensuring patient privacy, data security, and regulatory compliance.
- **Enhancing Communication:** The OR integration system improves real-time communication among surgical team members with features like audio and video conferencing, messaging systems, and data-sharing platforms. This enhances collaboration and reduces the risk of errors due to miscommunication.
- **Providing Easy Access to Medical Records:** CureVision offers secure access to electronic medical records (EMRs) and patient data directly within the operating room, allowing clinicians to make informed decisions based on up-to-date information without leaving the surgical suite.
- **Streamlining Post-Operative Documentation:** CureVision's data management system records and archives complete surgical procedures. Reviewing these records simplifies the process of post-operative documentation and access.
- **Enhanced Patient Outcomes:** By providing real-time access to comprehensive patient data, CureVision helps healthcare professionals make informed decisions quickly, improving patient outcomes.
- **Cost Efficiency:** Integrating various systems and devices reduces redundancy and operational costs. CureVision's streamlined workflows contribute to long-term cost savings.
- **Scalability:** CureVision's system is designed to scale with the growing needs of healthcare facilities, accommodating additional devices and users without compromising performance.
- **Customizable Interfaces:** The system offers customizable interfaces that can be tailored to the specific needs of different medical departments, enhancing usability and efficiency.
- **Improved Workflow Efficiency:** By integrating various systems into one cohesive platform, CureVision improves workflow efficiency, reducing the time and effort required for data management and retrieval.
- **Data Security:** CureVision employs advanced security measures to protect sensitive patient data and ensure compliance with healthcare regulations and standards.

Digital Negatoscope & Telemedicine

RECORDING & ARCHIVING



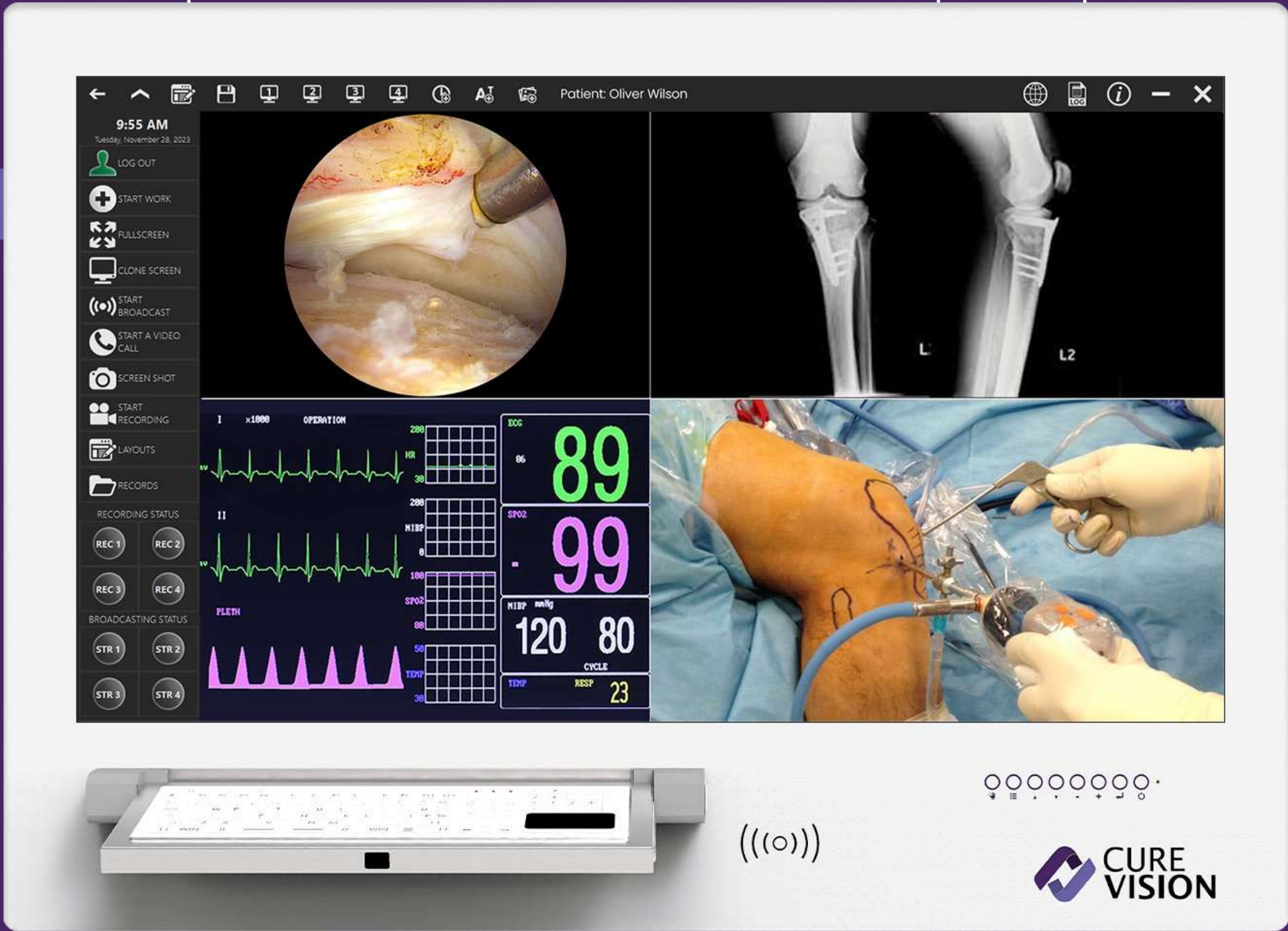
LIVE BROADCASTING



INTEGRATION



DICOM Preset



CureVision OR Console

Streamlining Workflows, Enhancing Care

Key Features:

- **HIS and Workflow Management:** Efficiently manage hospital information systems (HIS) and streamline workflow processes.
- **Patient Medical History Access:** Access comprehensive patient medical histories through the hospital information management system.
- **Staff, Material, and Consumable Tracking:** Track staff, materials, and consumables accurately with built-in barcode and RFID readers.



- **Built-in Barcode and RFID Reader:** Integrated barcode and RFID readers for seamless data capture and tracking.
- **High-Resolution Display:** Features high-resolution TFT LED technology for clear and precise visuals.
- **Modular Structure:** The modular design allows for easy upgrades and customization based on specific needs.
- **Workflow Tracking and Digital Environment:** Facilitate workflow tracking and operate in a completely digital environment.
- **Patient Information Access and Registration:** Simplifies access and registration of patient information directly from the console.
- **Antibacterial Keyboard and Mouse:** Equipped with antibacterial keyboard and mouse to ensure a hygienic operating environment.
- **Easy Disinfection:** Designed with IP65 protection, the console can be easily disinfected using standard hospital cleaning agents.
- **Hygienic Design:** Hygienic design approved by ISO 17025 standards to ensure safety and cleanliness.



Benefits and Applications: OR Console

- **Streamlined Surgical Workflows:** CureVision's O.R. Console optimizes the entire surgical workflow, from pre-operative planning to post-operative care. It organizes workflows with digital checklists, ensuring no operational steps are skipped. The unified control interface consolidates all critical components into one intuitive platform, reducing manual effort and enhancing efficiency.
- **Accurate Patient Identification:** CureVision facilitates easy access to patient medical histories. The RFID system ensures accurate patient identification by granting access to the correct patient records, minimizing errors.



- **Cost Reduction:** CureVision helps monitor all drugs and consumables used during surgery, contributing to cost reduction. This system tracks usage accurately, providing valuable insights into resource management.
- **Secure Access to Medical Records:** CureVision offers secure access to electronic medical records (EMRs) and patient data directly within the operating room. This enables clinicians to make informed decisions based on the latest information without leaving the surgical suite.
- **Efficient Post-Operative Documentation:** CureVision's system eliminates the need for manual data entry, reducing the risk of errors. This leads to faster surgery turnover and more efficient resource utilization. The internal barcode reader tracks medical consumables, allowing for a comparative evaluation of materials used in each surgery. This feature provides detailed reporting of surgical costs monthly and annually, along with instant billing capabilities.
- **Improved Patient Safety:** By ensuring accurate patient identification and streamlined workflows, CureVision significantly enhances patient safety, reducing the risk of surgical errors and complications.
- **Scalability and Flexibility:** The OR Console's modular structure allows for easy upgrades and customization, ensuring that the system can adapt to healthcare facilities' evolving needs.
- **Compliance with Healthcare Standards:** CureVision's system is designed to comply with healthcare regulations and standards, ensuring that all processes meet the required safety and quality benchmarks.

Operating Room Console

HIS & WORKFLOW MANAGEMENT



CureVision OR Control Panel

Total Control for Optimal Outcomes

Key Features:

- **Comprehensive Monitoring and Control:** Provides comprehensive monitoring and control of the operating room environment.
- **Building Management System (BMS) Integration:** Seamlessly integrates with the Building Management System for enhanced control.
- **HVAC Control:** Manages heating, ventilation, and air conditioning systems directly or through the BMS.
- **Humidity Control and Monitoring:** Includes a digital hygrometer with alarms to control and monitor room humidity levels.



- **Temperature Control:** Equipped with a digital thermometer for precise room temperature control.
- **Data Visualization:** Displays graphs of temperature, humidity, ambient pressure, and HEPA filter conditions over time, showing actual values and historical data in separate sets.
- **Parameter Archiving:** Archives all monitored parameters for future reference and analysis.
- **Economic Standby Mode:** Features an energy-saving standby mode to reduce operational costs.
- **Isolation Power System Integration:** Integrates with the isolation power system for uninterrupted power supply.
- **Medical Gas System Control:** Manages the medical gas system to ensure safe and efficient operation.
- **Anaesthetic Gas Purging:** Controls the purging of anaesthetic gases to maintain a safe environment.
- **Surgical Lights and Table Control:** Operates and controls the surgical lights and surgical table for optimal performance.
- **Room Lighting Control:** Manages room lighting to create the ideal surgical environment.
- **Hands-Free Video Intercom:** Includes a hands-free video intercom feature for seamless communication.
- **Room Audio and Music System Control:** Controls the room audio and music system to enhance the surgical experience.
- **Digital Clock and Chronometer:** Features a digital clock and chronometer for precise timekeeping.
- **Secure Access with Password Options:** Includes password options for different access levels to ensure security and proper usage.



Benefits and Applications: OR Control Panel

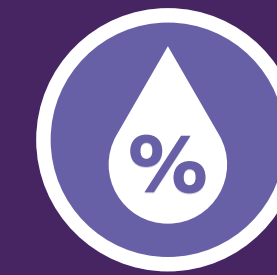
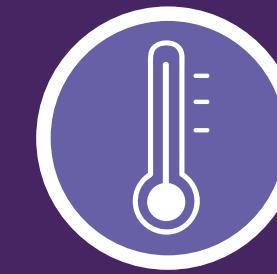
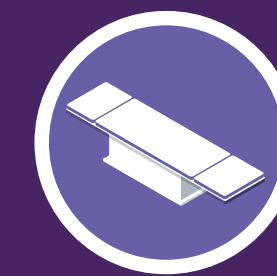
- **Improving Communication:** CureVision enhances internal communication with any department in the hospital via an integrated intercom system. This reduces the need for frequent movement in and out of the operating room, improving patient safety and streamlining surgical procedures for faster results.
- **Resolving Equipment Compatibility Issues:** CureVision's control panel enables the seamless management of various features and devices, such as cameras, peripheral systems, and lighting, all from a single interface. This simplifies operations for medical staff, allowing them to control the entire room easily.



- **Optimizing Operating Room Conditions:** CureVision provides precise control and monitoring of the operating room's ambient conditions. All parameters are collected and displayed on a central device, enabling the customization of the operating environment to the surgeon's preferences with the push of a button.
- **Enhanced Patient Safety:** The centralized control of the operating room environment reduces the risk of human error, ensuring a safer surgical environment for patients.
- **Energy Efficiency:** The economic standby mode and precise control of room conditions contribute to significant energy savings, reducing the healthcare facility's operational costs.
- **Real-Time Data Monitoring:** Real-time monitoring of vital environmental parameters such as temperature, humidity, and pressure ensures that the operating room maintains optimal conditions throughout the surgical procedure.
- **Improved Workflow Efficiency:** By consolidating multiple control functions into one panel, CureVision streamlines workflow, allowing surgical teams to focus more on patient care and less on equipment management.
- **Scalability and Flexibility:** The modular design of the control panel allows for easy upgrades and integration with future technologies, ensuring long-term usability and adaptability.
- **Enhanced User Experience:** The intuitive interface and ergonomic design of the control panel improve user experience, making it easier for medical staff to operate and manage the system.
- **Compliance with Health Standards:** CureVision's control panel is designed to meet stringent health and safety standards, ensuring compliance with regulatory requirements and promoting a safe working environment.

Operating Room Control Panel

FEATURES



CureVision

Return On Investment (ROI)

Mitigating Risks: CureVision's real-time risk management capabilities significantly reduce the likelihood of surgical errors. This leads to fewer complications, decreased readmission rates, and minimized costs associated with malpractice lawsuits.

Gaining Competitive Edge: Hospitals that adopt CureVision's advanced technology and innovative solutions gain a competitive advantage. These facilities become more attractive to patients and physicians who prefer state-of-the-art medical environments.

Boosting Revenue: Enhanced workflows allow for more surgeries, boosting hospital revenue. Improved patient safety and outcomes attract more patients and referrals, and better working conditions draw top-tier surgeons.

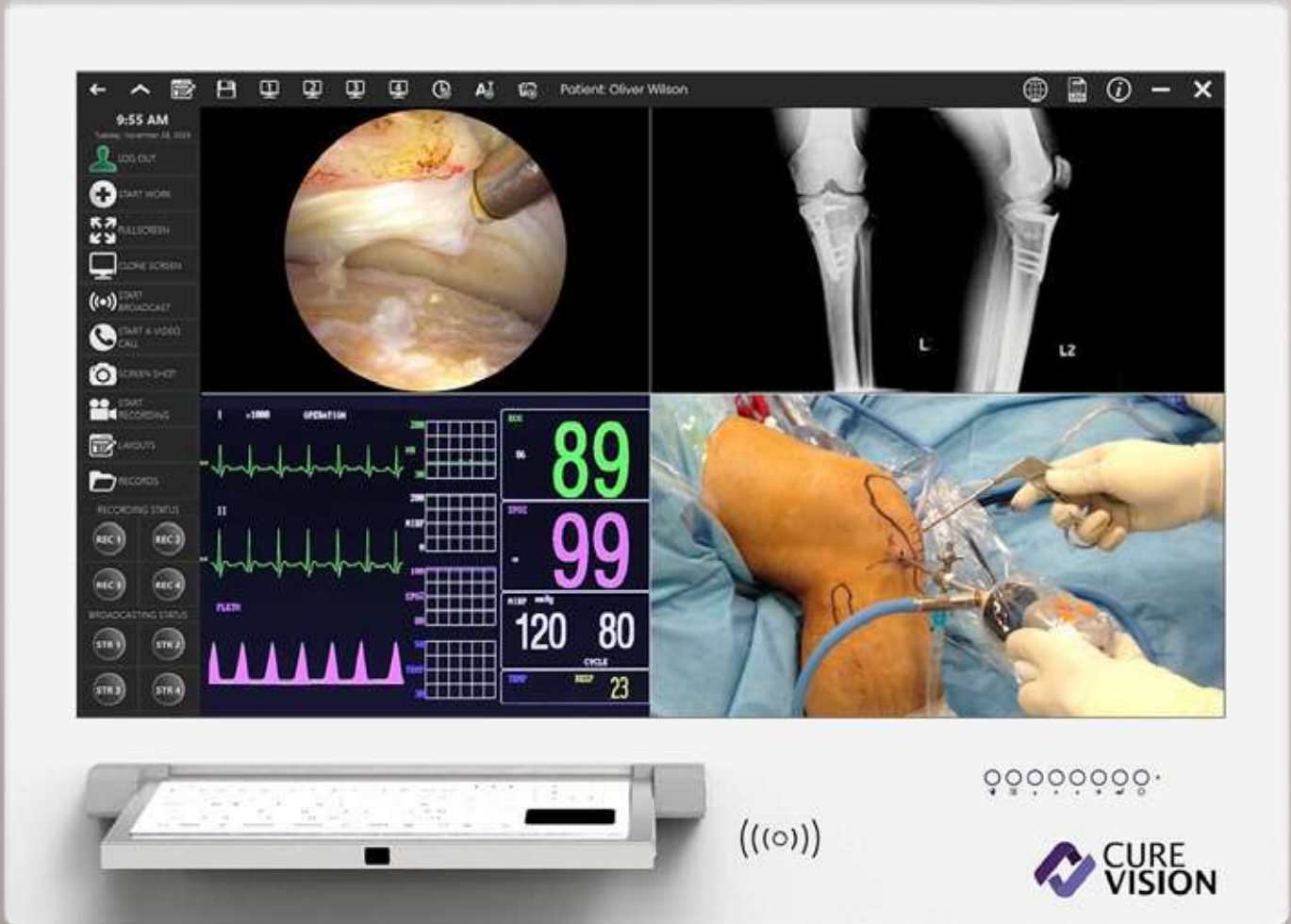
Reducing Costs: Streamlined workflows, reduced surgical complications, and optimized resource utilization result in more efficient operations, ultimately leading to lower operational costs.

Optimizing Resource Utilization: CureVision enables real-time monitoring of equipment and performance, allowing for proactive maintenance and timely repairs. This minimizes downtime and ensures optimal resource utilization.

The total median time until the actual operation began was 54.58 minutes

With CureVision's Solutions, this time can be reduced!

COST OF OPERATING ROOMS PER MIN, DEPENDING OF SURGERY'S COMPLEXITY		
Complexity Level	Initial 30 min. – per min. (\$)	Each additional – per min. (\$)
Abdominal / Vaginal	123	50
Laparoscopy	165	81
Robotic	184	92



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