



# Talis Perfusion® with +ACG®

## Empowering High-Performing Cardiac Surgery Teams



A Getinge company





# Talis Perfusion<sup>®</sup> with +ACG<sup>®</sup> Makes Work Flow.

Perfusion platform purpose built to automate your work-flow and support improved productivity, compliance, and quality, helping you focus on patient care.

Talis Perfusion with +ACG is designed to support your cardiac surgery team in every aspect of cardiopulmonary bypass, from planning and setup to management and continuous improvement. Talis Perfusion with +ACG provides a state-of-the-art platform that automates workflows, enhances decision support, and ensures compliance with hospital protocols, allowing you to focus on high quality, efficient and exceptional patient care.

Talis Perfusion with +ACG is a complete solution that transforms the management of cardiopulmonary bypass.

The platform automates the collection of real-time data from key medical devices, eliminating the burden and distraction of manual data collection/entry, and ensuring that all data is accurate, up-to-date, and immediately accessible for documentation and decision support. With an intuitive touchscreen workstation mounted on the HLM, Talis Perfusion with +ACG integrates seamlessly into your workflow, making documentation simple, efficient, and compliant with hospital standards.

The Talis Perfusion Cockpit Screen  
Displaying the Pre-Bypass Checklist





# Talis Perfusion with +ACG

A comprehensive platform for managing care from before surgery, throughout the procedure, and beyond.

## Seamless Interoperability

In the complex environment of cardiac surgery, seamless integration of various medical devices is critical. Talis Perfusion with +ACG offers agnostic device interoperability, connecting with a wide range of medical devices including heart-lung machines, cardioplegia pumps, patient monitors, and cerebral oximeters, ensuring that all relevant data is captured in real-time. The platform integrates bi-directionally with your EMR, receiving patient data and sending finalized perfusion records back, ensuring you have all the data you need for patient care and that you stay compliant with all the requirements of your hospital.

## Advanced Decision Support

Talis Perfusion with +ACG enhances your decision-making. The platform collects real-time data and delivers hospital-defined alarms and advisories based on your best practices. Alarms can be configured to ensure that the right information reaches the right person at the right time, allowing you to make more informed decisions that align with hospital protocols. Personalized care plans further tailor the system to individual patient needs, supporting timely and precise interventions.

## Workflow Automation

Automation is key to reducing administrative burdens and enhancing patient care. Talis Perfusion with +ACG automatically collects data from medical devices, integrates with healthcare IT systems, and automates complex calculations such as DO2i. The platform also simplifies supply management with barcode scanning, streamlining the tracking and management of supplies during bypass surgery. This reduces manual data entry, minimizes errors and distractions, ensures accurate documentation and frees you to deliver exceptional patient care.

## Efficient Documentation

Documenting CPB procedures is critical, and Talis Perfusion with +ACG makes this process easy, compliant and error-free. The Pre-Incision Briefing tool allows you to quickly document a care plan with your surgeon during a pre-incision brief. The Talis Cockpit offers a comprehensive view of all relevant data on a single screen, helping you see trends, lab results, and device data from one place. Real-time reminders and intelligent verifications ensure that key tasks are documented accurately and on time, so that you can meet all medical, legal, and compliance requirements before finalizing and sending records to the EMR.

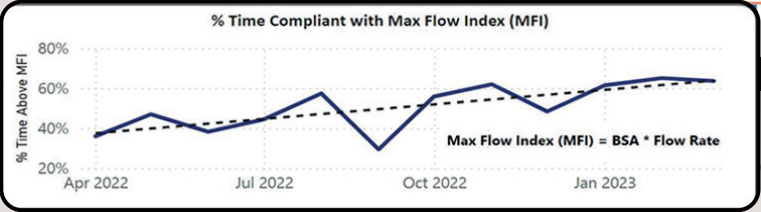
## Simplified Data Management

Talis Perfusion with +ACG eliminates the cost and wasted time from manual data abstraction. Interactive dashboards simplify data management and provide insights into operational and clinical KPIs. The platform's unified

data dictionary standardizes data from various sources, ensuring consistency and ease of interpretation, and enables research. With simple data export to the EMR and authorized recipients, Talis Perfusion supports informed decision-making at every level.



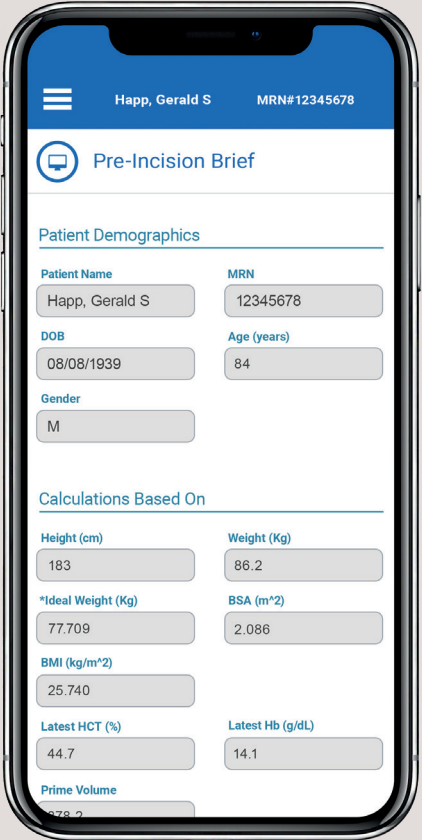
Talis Perfusion Data Management



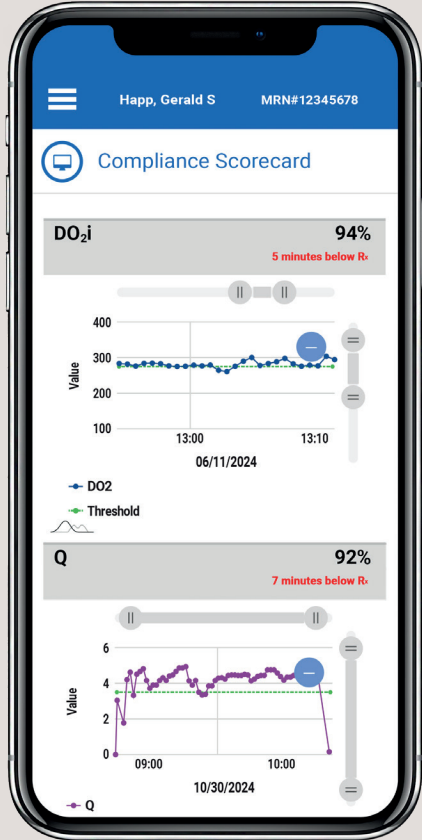
Max Flow Index (MFI)



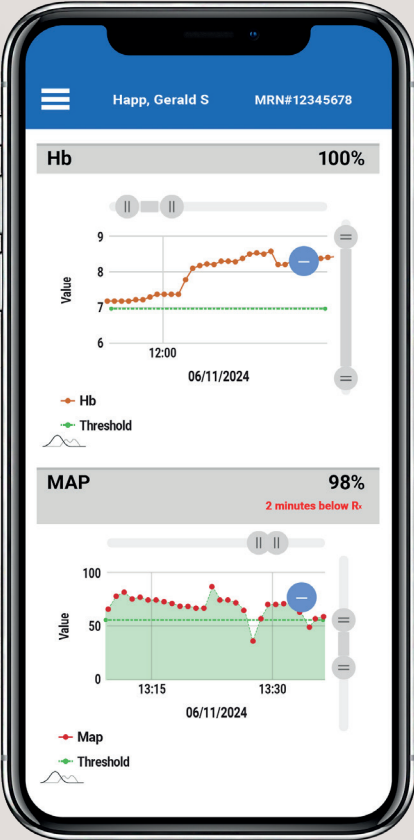
Talis Perfusion Cockpit Screen



Pre-Incision Brief



Compliance Scorecard



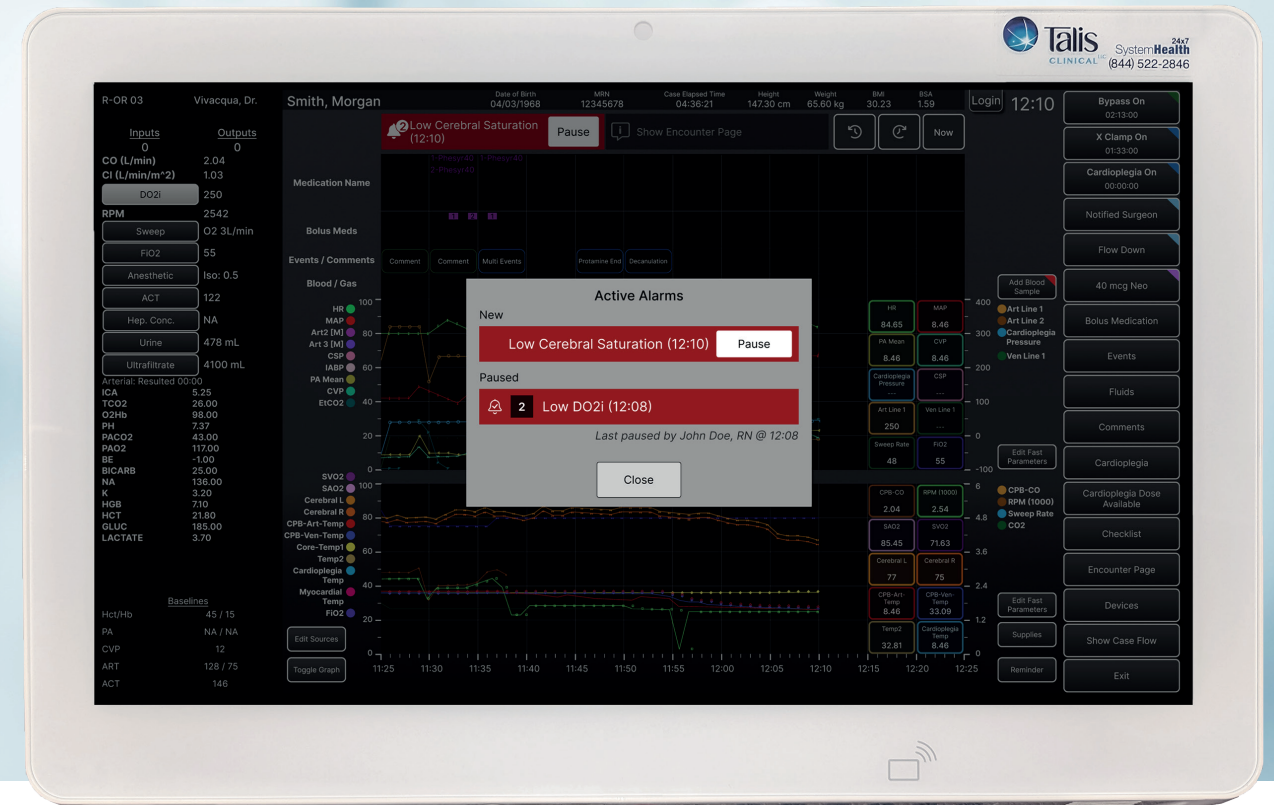
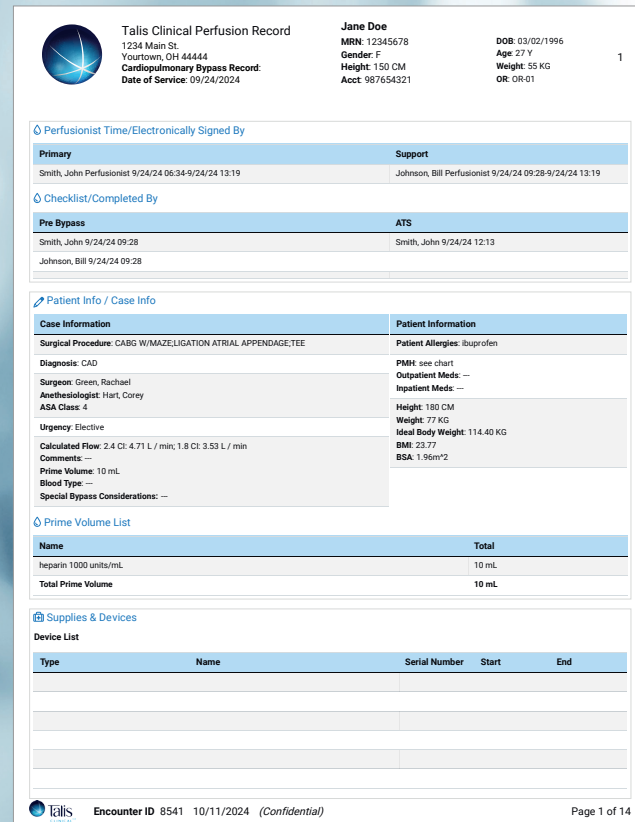
Compliance Scorecard



# Compliant Perfusion Records

## +ACG

## Time-critical support for high-acuity care



## Compliant Perfusion Records

Talis Perfusion with +ACG Verifications tool ensures that the perfusion record is compliant with your hospital's requirements as cases are complete, timely, and hassle-free by eliminating the need to amend cases days after care has been delivered. The platform generates a complete medical record that includes patient information, pre-bypass checklists, signatures, device data, lab results, and more. Once finalized, the record is seamlessly integrated into the EMR, enhancing continuity of care by making all relevant data accessible to the entire care team.



## What is +ACG?

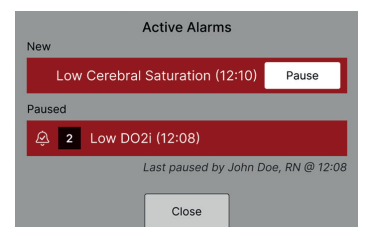
+ACG is designed to generate and communicate time-critical alarms and non-time-critical advisories. Unlike other clinical decision support systems, +ACG is designed to automate your facility's clinical and operational best practices.

In today's intensely leveraged and fast-paced high-acuity healthcare environments, Healthcare Professionals (HCPs) are under constant pressure to deliver compliant and effective care. The demand for precision, speed, and adherence to stringent regulatory standards requires robust tools that can support HCPs in their critical roles. Talis not only provides time-critical alarms and advisories, but also helps evaluate alarm effectiveness to ensure HCPs are not distracted and always have a clear understanding of time-sensitive notifications.

## Alarms and Advisories

+ACG alarms and advisories are designed to support compliance with your hospital's best practices, ensuring that care protocols are consistently followed. They can be customized for management both at the point-of-care and remotely, providing flexibility and ease of use.

+ACG is intended to complement, not replace, a clinician's judgment, assisting them in making timely, informed, and higher-quality decisions.



\* Depicted Alarms are examples of Alarms or Advisories to be generated according to your Hospital's Best Practices.





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