

ASCEND

Health Information Technology

Elevating Cardiovascular Care



Procedure Reporting & Workflow Optimization

ASCEND Cardiovascular

ASCEND Cardiovascular (CV) is a comprehensive portfolio of multimodality cardiovascular structured reporting and workflow solutions designed to leverage existing enterprise systems and devices critical to cardiovascular workflow. The solution anticipates modality-specific workflows and satisfies all clinical requirements. Its unified, comprehensive clinical knowledge base spans cardiovascular procedure types and provides continuity across the continuum of care.

Workflows & Knowledge Bases

- Adult Echo/Stress
- Cardiac Cath Lab and Invasive Vascular
- Cardiovascular CT
- Cardiovascular MR
- Electrophysiology
- Noninvasive Vascular
- Nuclear Cardiology/Stress
- Pediatric and Fetal Echo

Integrated Applications

KBEditor

A web-based administrative tool, KBEditor gives users the freedom to configure, review, and maintain reporting workflows and the tools necessary to make on-going optimization adjustments.

Analytics

The analytics application makes the coded clinical data from ASCEND CV reporting, medical devices, and the patient demographics from the Hospital Information System (HIS) manageable, meaningful, and actionable.

Catalyst: Training & Support

ASCEND CV features ASCEND Catalyst, a real-time engagement application embedded within ASCEND CV to support and train users directly in their workflow. Easy, one click connection provides access to product professionals for real-time training and support needs, resolving issues quickly and resulting in increased clinician efficiency and satisfaction.

Stratus

ASCEND's data optimization application, Stratus harvests usage data from ASCEND CV to analyze and identify patterns enabling users to make process and content improvements. Analysis of collected data can be analyzed to identify patterns and suggest changes to clinical content, technical functionality and user workflow and training improvements.



Adaptive Reporting Viewer

Through the development of a machine learning algorithm, ASCEND has created an Adaptive Reporting Viewer*, a solution designed to automatically characterize Echo study images by view and modality and completely transform the process in which Echo studies are read.

The solution:

- Uniquely elevates clinical reporting workflow to a new level of productivity
- Supersedes the traditional acquisition order process by reorganizing images
- Arranges images by structure to sync relevant image data in current and prior studies
- Ensures completion of serial comparison by eliminating the time-consuming effort involved
- Improves pathology review by syncing all views related to the pathology for current and prior study



**Adaptive Reporting Viewer is a work in progress and is not yet commercially available.*

Cardiovascular Quality Management

Service Line Management

ASCEND's Cardiovascular Service Line Management is a cloud-based solution that leverages clinical, operational and financial data to uncover unseen opportunities, optimize value, and achieve evidence-based outcomes. Featuring a clinical performance platform that empowers hospitals and doctors to work together, the solution's analytics help to achieve outcomes that deliver improved care while driving down costs with programs aligned to your department's business service lines such as Interventional Cardiology, Cardiovascular Surgery, Structural Heart, Heart Rhythm Management, and more.

Catalyst: Clinical Communication & Collaboration

A single solution for actionable communication and collaboration, ASCEND Catalyst leverages integrations with existing hospital systems to maintain patient context while facilitating collaboration with colleagues and entire healthcare teams. This cloud-based solution enables clinicians to act on patient results and facilitate patient care, all with the power and convenience of mobile platforms.

Data Mart

ASCEND Data Mart provides access to a curated selection of high value operational and clinical data collected by ASCEND CV in order to increase easy access to data intelligence for both departmental and enterprise needs. Informed by data collected from ASCEND's own client base as well leveraging work from established bodies such as ACC/NCDR, ASE, and IAC, the solution's data elements fit the needs of more than 90% of the analytics queries users seek to run. The design of ASCEND Data Mart facilitates integration with 3rd party data warehouses and EHR platforms as well as making the data easily navigable by a wide variety of third party Business Intelligence (BI) visualization tools.

Services & Support

Present throughout all ASCEND solutions is a commitment to our customers' success by way of our customer engagement team, made up of seasoned healthcare IT professionals. This team is your partner in assuring successful implementation and world class support from the moment you choose ASCEND. Knowledgeable team members will provide ongoing consultation, maintenance, and support throughout the lifecycle of your business relationship with ASCEND.

About ASCEND

For more than two decades, ASCEND Health Information Technology has been the leader in cardiovascular structured reporting and workflow solutions solving today's, and anticipating tomorrow's, cardiovascular data accessibility and usability challenges. Committed to developing technologies that optimize cardiovascular care delivery and services, ASCEND's growing portfolio of cardiovascular imaging and quality management solutions raise the bar on departmental level care and workflow standards.



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