

One Solution, One Lifetime

Reimagined workflow
for pediatric cardiology



ASCEND offers a complete solution built from the ground up for pediatric cardiology that supports multi-modality workflows across fetal, pediatric, and adult congenital care to deliver seamless, specialized care throughout every stage of life.

Specialized pediatric reading and reporting workflow

- Comprehensive pediatric reporting workflow that bridges fetal, pediatric, and adult congenital diagnostic, interventional, and surgical procedures
- Automated carry-forward of relevant history, prior procedure, and recent diagnostic data across all modalities
- Full collection of modernized Mullins diagrams



AI-ready image visualization and diagnostic workflow

- Open integration with diverse AI, imaging, and enterprise IT environments to enable a best-of-breed approach
 - VentriPoint integration, generates 3D models of the heart's chambers from 2D echo imaging for reproducible and accurate volumetric and EF measurements
- Improved image accessibility with a high-performance, web-based DICOM viewer for cardiovascular US & XA modalities



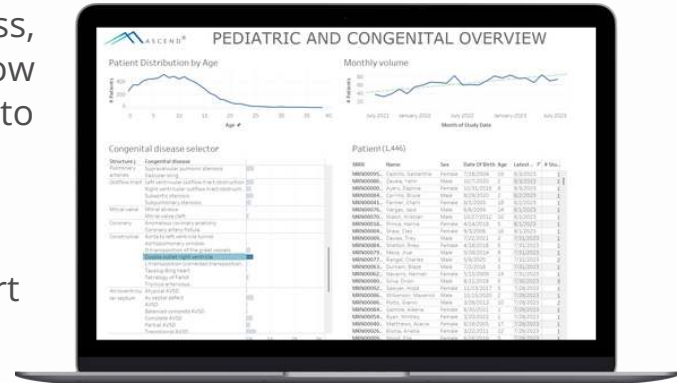
Be There, Without Being There

- Gain real-time access to the entire multi-disciplinary pediatric care team using live-streamed audio, video, and direct-from-modality imaging feeds
- Extend pediatric imaging services to outreach locations without compromising quality, leading to increased patient volume and revenue
- Facilitate teamwork by integrating live feeds from various imaging and hemodynamic systems, enhancing decision-making and coordination



Built for the Complexities of CHD

- Easily integrate with diverse EHRs, medical devices, and other systems to create a seamless, unified pediatric reading and reporting workflow
- Seamlessly integrate specialized AI algorithms to improve diagnosis and monitoring of fetal, pediatric, and adult congenital heart disease
- High-quality, congenital heart disease (CHD)-focused analytical dashboards ready to support registry submissions, clinical research, and comprehensive outcomes analysis.



Pediatric cardiology experts, with you every step of the way

- Our team includes pediatric cardiology experts with direct clinical experience who deeply understand the unique requirements of pediatric cardiovascular care
- Pediatric cardiology workflow and IT specialists provide a full spectrum of support and consultative services
- Collaboratively identify opportunities for reporting workflow optimization and enable continuous improvement

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