



2023

ASCEND's Catalyst LIVE **Transforms Access for Pediatric Patients**



Challenge:

The families of a Pacific Coast academic children's hospital often need to coordinate multiple pediatric specialist visits and procedures while receiving care. The hospital's radiology team identified an opportunity to improve access for patients when they are navigating and scheduling multiple procedures. To overcome the scheduling challenges and enhance the patient experience, the hospital's radiology team sought an innovative real-time virtual streaming solution to increase scheduling flexibility.

Solution:

Catalyst LIVE – a transformational real-time virtual presence solution is revolutionizing the hospital's approach to pediatric care. Currently in a pilot phase, Catalyst LIVE is demonstrating promising results, allowing physicians to be more productive while addressing scheduling challenges and improving access to pediatric specialists. The hospital now provides enhanced scheduling flexibility for patients and is using the service for ultrasound procedures.

Key Features:

Virtual Presence for Flexibility- Catalyst LIVE allows the hospital to conduct ad hoc collaborative sessions between the sonographer, radiologists and family while sharing real-time image acquisition, providing increased flexibility in scheduling, benefiting patients who can choose more convenient days and times for their procedures.

Satellite Locations Empowered - With two satellite locations equipped with Catalyst LIVE, ultrasound services reach more patients, expanding access and accelerating specialized care and treatment.

Mobile Ultrasound Service - The main hospital site is piloting the mobile ultrasound service powered by Catalyst LIVE. This innovative service brings imaging services closer to patients, increasing accessibility.

Seamless Real-Time Interaction – Radiologists and clinicians report no lag or latency issues and excellent image quality for precise evaluations. Physicians can participate from anywhere through virtual consultations, offering greater flexibility to schedule multiple procedures in one patient visit, benefiting families and enhancing patient care.

Enhanced Collaboration - Catalyst LIVE facilitates seamless collaboration between sonographers and radiologists, enabling concurrent evaluation and faster decision-making.

Expected Benefits:

Catalyst LIVE is already showing promising results and as the pilot progresses, additional benefits are expected to emerge, including :

Further Improved Productivity - Catalyst LIVE is anticipated to empower physicians further, leading to increased productivity and streamlined processes.

Enhanced Patient Satisfaction - With more flexible scheduling options and convenient access to services, patients and families are expected to experience higher satisfaction levels.

Optimized Medical Decision-making - Real-time imaging and remote consultations are expected to lead to expedited assessments and more informed decisions.

Cost Savings - With enhanced productivity and reduced waiting times, the hospital is expected to realize cost savings.

Catalyst LIVE is making strides in transforming pediatric care. As the pilot progresses, additional benefits are expected to surface, further solidifying the service's impact on addressing scheduling challenges, enhancing patient experiences, and improving patient care through expedited and collaborative decision-making. This academic pediatric hospital is at the forefront of this technological innovation through Catalyst LIVE.

For more information on this project, our partner hospital and to experience the potential of Catalyst LIVE, join the pilot program to be part of the future of real-time imaging streaming.

