

## Texas Center for Pediatric and Congenital Heart Disease

**2024 Outcomes Report** 







#### **Texas Center for Pediatric and Congenital Heart Disease Leadership**

#### **Congenital Heart Surgery**



Charles D. Fraser Jr., MD, FACS, FACC
Professor, Departments of Cardiovascular and
Thoracic Surgery and Pediatrics
Chief, Pediatric and Congenital Cardiothoracic Surgery
John L. Hern Distinguished Chair, Pediatric
Cardiothoracic Surgery
Executive Director, Institute for Cardiovascular Health

#### **Pediatric and Congenital Cardiology**



D. Byron Holt, MD, FSCAI
Associate Professor, Department of Pediatrics
Chief, Pediatric Cardiology
Director, Cardiac Catheterization Lab



Michael Taylor, MD, PhD
Professor, Department of Pediatrics
Associate Chief, Pediatric Cardiology
Director of Cardiac Non-invasive Imaging

#### **Pediatric Cardiac Critical Care**



**Daniel Stromberg, MD**Professor, Departments of Surgery and Perioperative Care, and Pediatrics Director, Cardiac Critical Care



Sandeep Arya, MD
Program Director, Pediatric Cardiac Critical
Care Fellowship
Associate Professor, Department of
Cardiovascular and Thoracic Surgery

#### **Pediatric Cardiac Anesthesiology**



**Erin Gottlieb, MD, MHCM**Associate Professor, Department of Surgery and Perioperative Care
Chief, Pediatric Cardiac Anesthesiology

#### **APP Leader**



Kimberly Krauklis, MSN, APRN, NP-C, PNP-AC Director, Advanced Practice Providers

#### **Administrative Leadership Team**



Amy Lee, MSW, PMP
Senior Director of
Operations and Strategy,
Department of
Cardiovascular and
Thoracic Surgery



**Elizabeth McCullum PhD, MS**Program Director, Health
Transformation Design



**Joel Wise, MBA**Cardiac Service Line Director

#### **Fast facts**



## Volumes and outcomes

12,133+

Annual cardiac clinic appointments

226

Special delivery unit births

1.8%

Perioperative mortality in the past 12 months

40

**Heart transplants since 2020** 

63

Abstracts/manuscripts in 2024

26

**Invited presentations in 2024** 

2,345

**Cardiac operations since August 2018** 

378

Cardiac operations in 2024

398

Cardiac catheterizations in 2024

137

EP studies in 2024

#### **Programs of care**

- Acute care cardiology
- · Adult congenital heart disease (ACHD)
- Advanced cardiac imaging
- Cardiac genetics
- Cardiomyopathy
- · Chest and neck tumor treatment
- · Coronary anomalies
- · Electrophysiology procedures
- Enhanced recovery after surgery (ERAS)
- Fetal cardiology
- · Fontan optimization
- · Heart failure, VAD and transplant
- · Health transformation and design
- · Interventional cardiology
- · Neurodevelopmental outcomes
- Neuromuscular disorders
- PDA program for premature infants
- · Pediatric and congenital heart disease
- Percutaneous (nonsurgical) valve replacement
- · Preventive cardiology
- · Pulmonary artery rehabilitation
- Pulmonary hypertension
- · Psychosocial team
- Single ventricle interstage (IMPACT)
- Transition program
- Outreach programs in Cedar Park, Georgetown, Kyle, Waco and College Station





Annual cardiac appointments

Special delivery unit births

#### **Leading the way**

- Novel collaboration between Dell Children's Medical. Center and UT Health Austin, the clinical practice of Dell Medical School at The University of Texas at Austin to provide comprehensive care for children and adults with CHD
- Integrated multidisciplinary heart center focused **on redesigning the long-term journey** of individuals with congenital heart disease and the people who care for them
- Health Transformation and Design Program identifies, measures, and works to improve outcomes through research, innovation, data integration, and health transformation initiatives
- World-renowned faculty, leading efforts to pioneer research and integrate medicine, engineering and physics into the diagnosis and treatment of patients with complex cardiac conditions
- · Integrated care delivery with collaborative teams, including maternal-fetal medicine, fetal cardiology, and neonatology, to ensure smooth transition for high-risk deliveries
- Close partnership with Dell Children's **Comprehensive Care Clinic** to provide multidisciplinary care to the most vulnerable patients

- Psychosocial team integrated into the fabric of the **program** to support patients and families through complex decision making
- Participation in **nine national and international** quality registries

In an effort to focus on improving value, increasing access, and mitigating social determinants of health, we maintain these unique collaborations with:

- Oden Institute for Computational **Engineering and Sciences**
- Cockrell School of Engineering
- The University of Texas at Austin School of Nursing
- McCombs School of Business at The University of Texas at Austin

#### State-of-the-art and family-centered patient care areas



48 beds



11 beds



 $\stackrel{\text{\tiny \propth{}}}{\Rightarrow} 32 \text{ beds}$ 

Dedicated cardiac unit

Special Delivery Unit (SDU)

Neonatal Intensive Care Unit (NICU)

"At Dell Children's, we offer a comprehensive range of modern cardiovascular care, from decoding the genetic roots of disease to restoring lives through transplantation. Our work is guided by a simple truth: every discovery and innovation should help give children and families more time, more hope, and more tomorrows."

Hugo R. Martinez, MD, FAAP, AFACC

Associate Professor, Internal Medicine and Pediatric Cardiology at Dell Medical School/The University of Texas at Austin; Medical Co-Director, Advanced Heart Failure and Transplantation; Medical Director, Cardiovascular Genetics

#### **Our hospital-based multidisciplinary clinics**

These clinics bring cardiologists, cardiac surgeons, cardiac anesthesiologists, cardiac intensivists, pharmacists, dietitians, therapists (physical, occupational and speech), social workers, psychologists, and other subspecialists together to collaborate and coordinate complex patient care in a single visit in a single location decreasing the need for multiple visits and streamlining their care.

- Adult Congenital Heart Disease
- Cardiac feeding and tube weaning
- Cardiac genetics, including aortopathy
- Cardiomyopathy, heart failure, VAD and transplant
- Coronary anomalies

- Fontan optimization
- · Preventive cardiology
- Pulmonary Hypertension
- Single ventricle interstage (IMPACT)
- Transition program



#### **Congenital heart surgery**

#### **6** dedicated surgeons | **9** advanced practice providers

Our dedicated team of surgeons, anesthesiologists, perfusionists, advanced practice providers, faculty instructors, Registered Nurse First Assistants (RNFAs), scrub techs and nurses work together every day providing surgical expertise and hope to some of the most complex patients in the country.

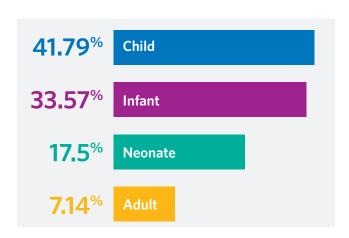
- In 2024, 20 neonates less than 3 kilograms successfully underwent cardiac surgery
- 22 VADs placed since the program's inception: 4 VADs in Fontan patients and 10 Berlins 7 being infants
- **Partial heart transplant** 7th reported in the United States
- Our 1st Organ Care System (OCS™) Transplant in July 2023

## Our observed mortality (1.88%) is less than the expected mortality (2.98%) based on TCPCHD's case-mix.\*



\* Risk-adjusted perioperative mortality for the last 4 years (July 2020-June 2024) as reported by the Society of Thoracic Surgeons Harvest Report.

#### Surgery patients by age



#### Outcomes by age (Index cases)

		Perioperative mortality		STS benchmark
Age	Volume	Ν	percent	mortality percent
Neonate	49	1	2.0	7.3
Infant	94	3	3.2	2.5
Child	117	1	0.9	1.6
Adult	20	0	0.0	1.6
Grand total	280	5	1.8	2.7

Only including index operations from 2024

#### **Pediatric and congenital cardiology**

#### 28 cardiologists | 14 advanced practice providers | 5 Acute Care Cardiology APPs

Our team of experienced congenital cardiologists and advanced practice providers delivers an unparalleled level of expertise from fetal life through adulthood in Central Texas. Our team comprises cardiac specialists in genetics, heart failure, fetal cardiology, cardiac cath, electrophysiology, invasive and non-invasive imaging and adult congenital heart disease working together to push the field of study forward in search of a better quality of life for our patients.

### 2024

1,987 ADULT CONGENITAL CLINIC VISITS

**13,336** ECHOS READ (includes inpatient and outpatient at Dell Children's and other facilities)

**635** ACUTE CARE INPATIENT VISITS

**20** PICCOLO DEVICES FOR CLOSURE OF PATENT DUCTUS ARTERIOSUS

**6** TRANSCATHETER PULMONARY VALVES

#### Compared to the PAC3 aggregate



Length of stay for acute care inpatients



Acute care complications



In-hospital mortality (post-op) for acute care inpatients

## Cardiac Catheterization Lab at Dell Children's recognized as the first Abbott Center of Excellence in the country

Three devices, one team. Our interventional cardiology program is the only program in Central Texas to offer three different types of valves for transcatheter pulmonary valve replacement, increasing the likelihood that we have the right valve for each individual patient.

As part of our Valve Program, we have a multidisciplinary team for patient evaluation and treatment, ensuring a thoughtful recommendation based on the best medical evidence.

Our team in the cardiac catheterization lab has years of experience using stent-mounted valves, which are deployed through a catheter inserted into a vein in the leg. Our team is dedicated to making sure that all patients who can benefit from a transcatheter pulmonary valve have the opportunity to receive one.

"Our field has made many advances in recent years with structural heart interventions via minimally invasive procedures in the cath lab. This allows the patient to return home the following day and return to regular activity within several days. It is truly remarkable to watch this medical advancement accelerate, and nonsurgical valve replacement is just one example."

Dr. Byron Holt, Medical Director of the Cardiac Catheterization Lab and Chief of Pediatric Cardiology for the Texas Center for Pediatric and Congenital Heart Disease (TCPCHD)



#### Pediatric cardiac critical care

#### **12** critical care intensivists | **19** advanced practice providers

Our dedicated team of physicians, advanced practice providers, nurses, therapists (respiratory, physical, occupational, speech), pharmacists, social workers, child life specialists and psychologists diligently works to optimize patient recovery while maximizing the patient and family experience in our newly renovated and expanded 48-bed unit. From the tiniest premature infant to the adult, our team is pushing the envelope to provide better care through predictive analytics, AI/ML and quality improvement.



Shorter length of stay\* compared to STS harvest aggregate for

9 out of 10 benchmark procedures\*\*

#### Compared to the Pediatric Cardiac Critical Care Consortium (PC4) aggregate



**51%** LOWER

Post-op ECMO rate



For coarctation of the aorta, Glenn, tetralogy of Fallot and ventricular septal defect closure



**63%** LOWER

Postoperative stroke and intracranial hemorrhage rate



24% SHORTER LENGTH

For arterial switch operation, Fontan, complete atrioventricular septal defect and arterial switch operation with ventricular septal defect closure



Postoperative complication rate

<sup>\*</sup>Median post-op length of stay from July 2020-December 2024 as reported by the Society of Thoracic Surgeons Harvest Report.

<sup>\*\*</sup>Benchmark procedures as defined by STS.



#### World's youngest Berlin Heart recipient

At just 24 hours old, baby William became the youngest patient in the world to receive a Berlin Heart implant, a lifesaving mechanical heart pump designed to support children with severe heart failure. His journey, marked by uncertainty, resilience, and groundbreaking medical care, began at Dell Children's Medical Center.

"Dell really puts heart into the work that they do...sometimes literally"

William's father



For access to the full story, scan this QR code.





#### **Pediatric cardiac anesthesiology**

#### 5 pediatric cardiac anesthesiologists

Our team of physicians, CRNAs, and anesthesia technicians, work together to ensure that our patients receive the appropriate level of care and supervision in the safest manner possible. By imbedding our anesthesiology team into daily rounds, we are able to deliver the highest level of individualized, and comprehensive care possible while simultaneously minimizing potential risk experienced during transitions of care. Our meticulous attention to detail allows us to provide safe and effective care to even the tiniest and most complex patients as well as adults with congenital heart disease.

- 1,506 anesthesia cardiac cases in 2024 (Includes CVOR, IR, MRI, CT, cath, EP, ICU cases)
- Over 40% of our children (43%) and adults (47%) underwent cardiac surgery without blood products from July 2020–June 2024
- 97% of patients had no anesthesia-related adverse events compared to 75.4% in the STS aggregate from July 2020–June 2024
- 100% of Fontan patients extubated in the operating room

<sup>\*</sup>Anesthesia metrics as reported by the Society of Thoracic Surgeons Harvest Report.

<sup>\*\*</sup>Anesthesia submission is optional, currently 55% of participants submitting anesthesia data.

#### Coordinated pediatric cardiovascular anesthesia for safer care

Pediatric Cardiovascular Anesthesiology Services are provided by a dedicated team comprising physicians, nurse anesthetists and anesthesia technicians. Together, we engage in multidisciplinary discussions of every inpatient, every day. With this infrastructure in place, planning for outpatients is greatly facilitated as well. While planning with surgeons of various specialties and the patient's cardiologist, we can often coordinate multiple surgical and imaging procedures under a single anesthetic.

This patient-focused approach allows the child to only be starved once, the parents to take off work and perhaps travel only once, the patient to endure an anesthetic and intravenous line placement and PACU stay only once. Our goal is patient safety — we believe that while care coordination may require us to work harder to consolidate procedures, it is well worth it to increase safety and support patient and family satisfaction.



"Our dedicated team of pediatric cardiac anesthesiologists and nurse anesthetists are committed to providing focused, precise anesthetic care to our patients in order to optimize outcome and comfort. We are there to facilitate the patient/family journey through the perioperative period."

Erin Gottlieb, MD, MHCM, FASA

Chief of Pediatric Cardiac Anesthesiology; Sewell Family Endowed Chair in Pediatric Cardiac Anesthesiology, Dell Children's Medical Center; Associate Professor of Surgery and Perioperative Care

#### **Health Transformation and Design (HTD)**

The goal of this program is to improve and redesign the care of patients with congenital heart disease and their families in a comprehensive and patient-centered way — anchored in the principles of value-based healthcare and human-centered design. The program tracks short- and long-term outcomes for patients and families, engages in heart center- and hospital-wide quality improvement initiatives, participates in local and national research projects, and creates initiatives to improve the care of individuals with congenital heart disease. The HTD program includes a collaboration of research faculty, outcomes specialists, quality specialists, research coordinators, post-doctoral fellows, data architects, and graduate and undergraduate students.

This dynamic, multidisciplinary environment fosters innovation and continuous learning, providing opportunities for trainees to engage in meaningful research and quality improvement efforts. Each year, we welcome students from diverse backgrounds — including medical school, public health, and nursing informatics — who contribute fresh perspectives and gain hands-on experience in healthcare transformation.

In 2024, our team demonstrated a strong commitment to professional development and knowledge sharing by attending a wide range of conferences. This cross-team engagement, involving both our research and outcomes teams, ensures that we remain at the forefront of the latest advancements in our field. Unlike other institutions that may face limitations in conducting hands-on research due to reliance on external vendors for data entry, our outcomes team has the unique capacity to manage both research and data entry in-house. This not only provides our team with the opportunity to contribute to and attend conferences but also ensures that our research is directly informed by the data we collect. Our integrated approach enables us to generate valuable insights, driving meaningful outcomes and fostering continuous improvement across both our clinical and research practices.

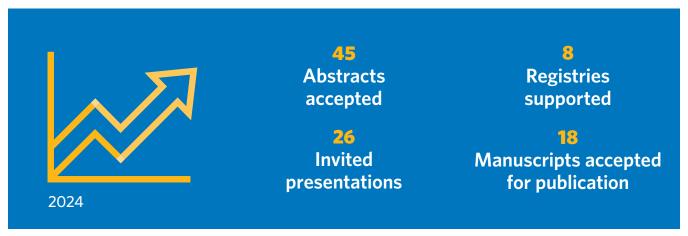


#### **Conferences presented at in 2024**

- American Academy of Pediatrics (AAP)
- American Association for Thoracic Surgery (AATS)
- American College of Cardiology (ACC)
- American College of Cardiology (ACC)
   Quality Summit
- American College of Surgeons (ACS)
- American Heart Association (AHA)
- American Society of Anesthesiologists (ASA)
- American Society of Extracorporeal Technology (AmSECT)
- Congenital Heart Surgeons' Society (CHSS)
- European Society of Cardiology (ESC)
- International Anesthesia Research Society / Society of Critical Care Anesthesiologists (IARS/ SOCCA)

- Heart Rhythm Society (HRS)
- International Symposium on Adult Congenital Heart Disease
- International Society for Heart and Lung Transplantation (ISHLT)
- Neonatal Heart Society (NeoHeart)
- Pediatric Acute Care Cardiology Collaborative / Pediatric Cardiac Critical Care Consortium (PAC3/PC4) Spring Conference
- Pediatric Cardiac Intensive Care Society (PCICS)
- Peds Cardio Al
- Pediatric Interventional Cardiology Society (PICS)
- Society of Thoracic Surgeons (STS)
- Southern Thoracic Surgical Association (STSA)

#### **Impact**





#### **Unprecedented growth — Third cath lab opened**

The Texas Center for Pediatric and Congenital Heart Disease (TCPCHD) continues to demonstrate tremendous growth and further development of our quaternary cardiac program. In 2024, we saw the highest volumes to date for inpatient consultations, hospital admissions, echocardiograms, and cardiac catheterizations to name a few. More than 500 cardiac catheterizations were performed in 2024, with volume accelerating year over year.

To support this growth, Dell Children's is excited to announce the opening of its third cardiac

catheterization lab to allow for the most advanced care to all patients with congenital heart disease. The new laboratory includes state-of-the-art biplane Siemens imaging equipment, integrated design elements for purposeful communication amongst team members, audiovisual enhancements for sharing expertise and teaching, and a spacious floor plan to allow ease of access for even the most complex patients. This expansion further underscores the scale and scope of our cardiac program at Dell Children's Medical Center, and our Mission to serve this vulnerable population across the region.

"At Dell Children's, we believe true excellence in cardiac imaging comes from an unwavering commitment to innovation, continuous quality improvement, and lifelong learning. By pushing boundaries and setting new standards, we ensure our patients receive the very best in advanced imaging care — today and for the future."

Sandhya R Ramlogan, MBChB, FASE, FAAP Associate Professor of Pediatrics; Medical Director of Echocardiography Laboratory



"At Dell Children's Hospital Center for Pediatric and Congenital Heart Disease, innovation and compassion come together to transform lives. Harnessing the power of advanced cardiac MR and CT imaging, our team can see the beating heart in amazing detail — imaging complex anatomy with clarity and precision. Combined with state-of-the-art 3D modeling, we bring these images to life, helping providers and families understand conditions and plan interventions with unmatched accuracy. This approach pushes the boundaries of engineering to improve outcomes for children and adults with congenital and acquired heart diseases. Every day, we are proving that technology, expertise, and hope can reshape the future for young hearts and their families."

Michael Taylor, MD, PhD

Director of Cardiac Non-invasive Imaging/Dell Children's Hospital Medical Center; Professor of Pediatrics/University of Texas Dell Medical School



## **Unique Cardiac Feeding Program**

#### The growth and impact of the Dell Children's Tube Weaning Program

The Cardiac Feeding Program at Dell Children's Medical Center was started in 2022 to support cardiac patients with feeding tubes and their families. The program provides multidisciplinary care with cardiology, speech therapy, dietitian, social work, and nursing to support patients both prior to and following cardiac surgery.

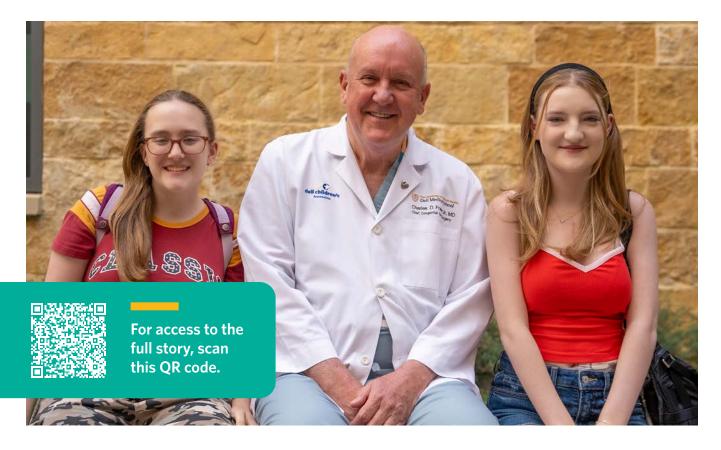
The program has grown quickly from performing two tube weans in 2022 to 25 in 2024, with a median of 16 days from tube wean initiation to cessation of tube use. Our ability to support patients with feeding tubes has decreased tube-related morbidity and

contributed to a shortened length-of-stay following cardiac surgery. Utilizing telemedicine, we have been successful in weaning patients from all over Texas up to more than 500 miles away.

The Feeding Program team also engages in quality improvement and research to further understand optimal ways to feed cardiac infants and improve the family tube weaning experience. We look forward to continuing to grow to better serve the diverse cardiac population in Texas and beyond.







#### Sisters face heart failure with strength, music, and hope

Sisters Heidi and Harper Gaffney, ages 17 and 13, faced life-threatening heart failure due to a genetic condition that thickened their heart muscles, making it difficult to pump blood. Earlier this year, doctors at Dell Children's Medical Center determined their hearts were at risk of failing, leading to surgeries to implant left ventricular assist devices (LVADs). Despite the high-risk procedures, the girls remained calm with personalized playlists featuring Taylor Swift and other favorite artists. The LVADs have given them renewed energy and a better chance of qualifying for heart transplants.

Now back home in San Antonio, the sisters have adjusted to life with their LVADs, carrying battery packs and taking precautions like avoiding water and high-risk activities. While Heidi, once terrified of heart surgery, is now considering a career as a pediatric nurse, Harper still dreams of becoming a pastry chef. As they wait for their transplant opportunities, they continue to embrace their new normal with optimism and determination.

## **Defying the odds**

#### How Dell Children's transforms impossible heart cases into hope

Dell Children's is committed to providing hope for families whose children have been turned away elsewhere. Cohen Villareal, born with a complex single ventricle heart and heterotaxy, along with atrioventricular septal defect (AVSD), double outlet right ventricle (DORV), and pulmonary stenosis, was initially deemed "not a surgical candidate" by Texas Children's Hospital. Determined to find a solution, Cohen's mother, Kandace Villareal, turned to Dell Children's, where Dr. Charles Fraser, Jr. performed a pulsatile bidirectional Glenn

shunt and atrioventricular valve repair — procedures that were previously considered impossible for Cohen's condition.

Now on the road to recovery, Cohen's progress is a testament to the expertise and dedication of the Dell Children's Heart Center. By taking on the most complex cases, the program continues to push the boundaries of what is possible in congenital heart care, offering lifesaving interventions to children who have run out of options.





# Personalized care plans for optimizing neurodevelopmental outcomes in cardiac patients

In an effort to optimize neurodevelopmental outcomes, foster parent and family engagement while bridging the gap between inpatient and outpatient, our fully integrated Neurodevelopmental Team creates detailed and individualized care plans that include instructions accompanied by photographs. By establishing meaningful relationships with patients and their families, our team has been able to achieve and sustain neurodevelopmental follow-up rates (60%) well above what research shows is the national rate (29%). With 193 total cardiac neurodevelopmental clinic appointments in 2024, our expert therapists were able to deliver targeted interventions focused on helping children achieve developmental milestones. While our goals are focused on neurodevelopmental outcomes, our team has established relationships with community resources that allow us to mitigate the social determinants of health and help our patients access additional services as needed, to ensure their future is built on a sturdy foundation.

#### **Newborn care plan**

#### Please encourage me to work toward a predictable sleep/wake routine.

- Offer cycled lighting throughout the day natural light is best.
- Turn the lights off when I'm sleeping.
- Implement care times/protected sleep.

#### Please include my parents in care, for support if present.

- Teach my parents how to help me containment, facilitated tucking, hands to mouth/pacifier if appropriate and eye shielding.
- Encourage my parents to be the ones to pick me up using the standing transfer method. Allow me to be held at any time as medically appropriate and for as long as possible.
- Encourage my parents to hold me during bath and linen changes.

#### Please help me stay organized and calm during routine care.

- Examples of supports may include vibration, tight swaddle, pacifier, rocking, patting, boundaries, sound machine and facilitate legs being tucked and arms move to mid-line.
- You can partially unswaddle me during care if I can't tolerate being fully unswaddled.
- Provide me a rest break if I begin to show increased stress cues.
- Shield my eyes if a bright overhead light is required.

#### Talk to me during care.

- Please tell me what you are doing with me. It is important for my language skills and state of control to be talked to.
- I can be read to, sung to, and talked to at any time when I am calm.
- When playing music, please limit to 20 minutes at a time and low volume level.
- Make sure my sound machine is not on too loud. Turn off sound machine once I am calm/asleep to let my brain rest.

## Pediatric Cardiovascular AI Conference

#### A New Era in Heart Care Technology

The inaugural Peds Cardio AI Conference, sponsored by the University of Texas Dell Medical School and Dell Children's Hospital Medical Center, was the first event focused exclusively on artificial intelligence in pediatric cardiovascular disease. Held over two days in September 2024, the conference brought together scientists and clinician experts to discuss the future of AI in improving care for patients with congenital and acquired heart disease.

Keynote speaker Michael Blum, CEO of BeeKeeper

Al, emphasized the transformative role of Al in collecting and filtering electronic health information to enhance patient outcomes. The conference featured discussions on signal processing, big data utilization, and cardiovascular imaging, along with interactive workshops led by industry leaders.

The event provided opportunities for clinicians, scientists, technologists, and investors to network and participate in a poster session, fostering collaboration and innovation.



Michael Taylor, MD, PhD, presenting at the first Pediatric Cardiac AI Conference, held in Austin, 2024.



#### **Collaboration with UT Health Austin**

UT Health Austin is the clinical practice of Dell Medical School at The University of Texas at Austin. The collaboration between UT Health Austin and Dell Children's brings together a team of highly specialized providers who are at the forefront of the latest research and technological developments in this field of medicine to build an integrated system of care that is a collaborative resource for clinicians and their patients.

#### **Ascension Texas**

In Texas, Ascension operates Ascension Providence in Waco and Ascension Seton, which includes Dell Children's Medical Center, the region's only comprehensive children's hospital and pediatric Level I Trauma Center, and Dell Seton Medical Center at The University of Texas at Austin, the region's only Level I Trauma Center for adults. Ascension Seton partners with Dell Medical School at The University of Texas at Austin and shares a common vision of transforming healthcare through a focus on quality and value. Serving Texas for more than 120 years, Ascension is a faith-based healthcare organization committed to delivering compassionate, personalized care to all, with special attention to persons living in poverty and those most vulnerable. Ascension is one of the leading nonprofit and Catholic health systems in the U.S., operating 2,600 sites of care — including 139 hospitals and more than 40 senior living facilities — in 19 states and the District of Columbia.

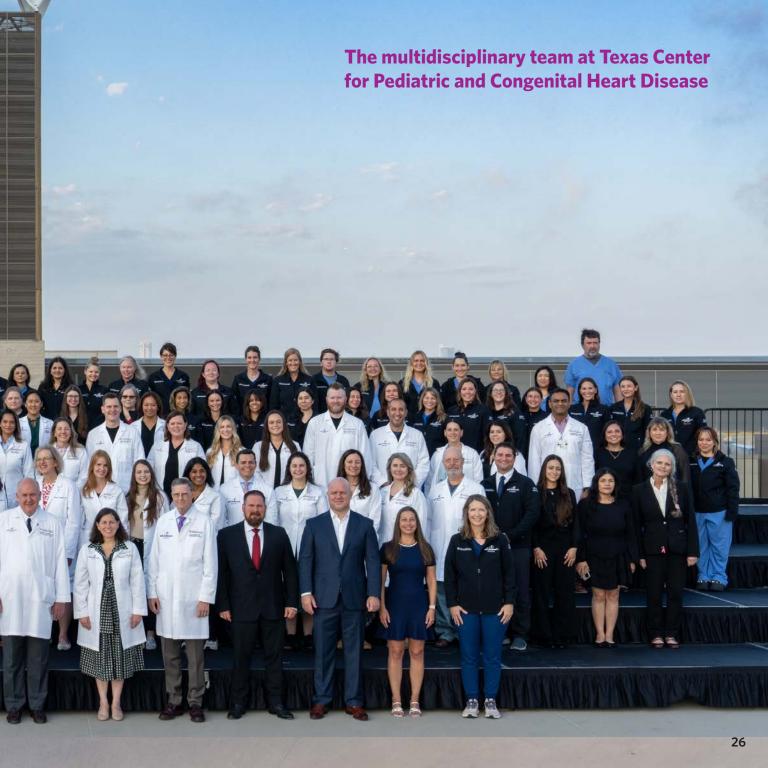
Visit ascension.org and ascension.org/DellChildrens

#### **UT Health Austin**

UT Health Austin is the clinical practice of the Dell Medical School at The University of Texas at Austin. UT Health Austin clinicians collaborate with colleagues at the Dell Medical School, The University of Texas at Austin, and in the community to utilize the latest research, diagnostic, and treatment techniques in every clinical encounter. Our experienced healthcare professionals deliver personalized, whole-person care of uncompromising quality and treat each patient as an individual with unique circumstances, priorities, and beliefs. Working directly with patients and their families, we create individualized care plans designed to help our patients reach the outcomes that matter most to them — in the care room and beyond.

Visit UtHealthAustin.org









## **Texas Center for Pediatric and Congenital Heart Disease Dell Children's Medical Center**

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#### **Dell Children's Specialty Pavilion**

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