

**ADVANCED HEART FAILURE,
CARDIAC TRANSPLANT AND
MECHANICAL CIRCULATORY SUPPORT**



Rex Parton
Heart-Kidney
Transplant Patient



VANDERBILT HEART



Rex Parton (*on cover*) was 71 when he faced end-stage organ failure. He was beyond the age to receive a transplant at most centers. The Vanderbilt Heart team focused on him as an individual, resulting in Parton receiving a heart-kidney transplant. "We can never thank them enough for pressing forward. They gave me my life back," Parton said. "I'm working out in the yard, trimming bushes, mowing the grass. If the doctors came to watch me, they wouldn't believe it!"

You want the best for your patients.
You've come to the right place.



At Vanderbilt Heart and Vascular Institute, we provide a comprehensive, multidisciplinary approach to patients with advanced heart failure that includes evaluation of a patient's candidacy for heart transplantation or mechanical circulatory support. Our team's experience and commitment to quality have made us a national leader in cardiovascular care.

When you partner with us, you remain an essential part of your patient's care. This collaboration becomes a conduit for the kind of communication necessary to provide your patients and their families with the compassionate care and comfort they deserve.

OUR REFERRAL PROCESS

Early referral for advanced heart failure therapies, including ventricular assist devices and heart transplantation, is key for optimizing postsurgical outcomes – most significantly, survival and quality of life – and avoiding increased risks for patients.

We advise physicians to consider referral if a patient has experienced significant or progressive functional decline, recurring heart failure hospitalizations, or is not tolerating optimization of medical therapy.

TO MAKE AN ADULT REFERRAL

Call (615) 936-3500, email one of us directly or visit us at VanderbiltTransplant.com for easy online referrals.

IMPROVING COMMUNICATION AND ACCESS FOR YOU

Our mobile app provides direct contact with our physicians and access to our on-call physicians for urgent transfers and other urgent needs regarding a transplant patient. Download the “VUMC Transplant” app from the Apple App Store or Google Play.

ADVANCED HEART FAILURE

With a team of experts trained in advanced heart failure, Vanderbilt seeks to improve quality of life and survival for patients in all stages of heart failure, whatever the etiology. In addition to providing care for a large population of patients with ischemic and idiopathic cardiomyopathies, we specialize in treatment of amyloid heart disease, adult congenital heart disease, inherited heart disease, and other disease processes for which experience and tailored treatments are critical to patient outcomes.

CARDIAC TRANSPLANTATION

Since 1985, Vanderbilt has assisted referring physicians in providing quality care to more than 1000 adult heart transplant patients. In 2018 alone, our team performed 100 adult heart transplants, ranking us the highest volume program in the Southeast and second highest in the nation. For select patients with multi-system organ dysfunction, we offer dual-organ transplantation, including heart-kidney, heart-liver and heart-lung. We are one of only four programs approved by the Veterans Administration to provide heart transplantation to our veterans.

MECHANICAL CIRCULATORY SUPPORT

Vanderbilt offers mechanical circulatory support options for patients awaiting heart transplant as well as those for whom transplant is not an option. With over 500 left ventricular assist devices implanted, we are one of the most experienced programs in the nation, with access to an ever-expanding inventory of the world's most sophisticated mechanical assist devices.

Delivering the Future of Heart Transplantation

As the nation's second busiest heart transplant program, our team feels an obligation to advance the field of transplant through innovation, research and technology. We are actively involved in delivering novel approaches that allow our program to serve more patients, including high risk patients who may not be candidates for transplantation at other centers.

EXPANDING THE DONOR POOL USING HEP-C HEARTS

Vanderbilt Heart is invested in making transplantation available to more patients through use of hearts recovered from donors with Hepatitis C. To date, Vanderbilt has transplanted more than 80 HCV-positive donor hearts, more than any other center. Thanks to new effective antiviral therapies, patients who test positive for Hepatitis C following transplantation can be completely cured of the infection. Outcomes for these patients are excellent.

“These hearts, which were previously being discarded due to the donor’s hepatitis C infection, offer a novel strategy to expand the donor pool, especially for those patients on the waiting list who may otherwise die before a suitable organ becomes available”

*Kelly Schlendorf, M.D.
Medical Director, Heart Transplant
Vanderbilt Heart and Vascular Institute*

EX VIVO PERFUSION: REMOVING TIME AND DISTANCE BARRIERS

Vanderbilt Heart is one of 10 centers across the country piloting a novel approach to organ preservation and transport – ex vivo thoracic organ perfusion – which keeps the heart beating and metabolically alive during transport from the donor to the recipient. In addition to allowing the Vanderbilt Heart transplant team to travel longer distances to procure donor hearts, this technology allows the team to thoroughly evaluate an organ to determine suitability for transplantation.

“Ex vivo whole organ perfusion systems unlock a new frontier in heart transplantation. The possibilities of better immunologic matching, reconditioning donors, and eliminating time constraints has the potential for dramatically improving outcomes for our patients”

*Ashish Shah, M.D.
Surgical Director, Heart Transplant, and Chair of Cardiac Surgery
Vanderbilt Heart and Vascular Institute*

NEW OPTIONS FOR ADULT CONGENITAL HEART DISEASE (ACHD) PATIENTS

Forging new ground in the treatment of adults with CHD, Vanderbilt Heart launched Advanced Congenital Cardiac Therapies. The program allows ACHD patients to be evaluated for heart transplantation and ventricular assist devices, previously not presented as an option to many with ACHD. As more and more congenital heart patients transition into adulthood, our team of dedicated, multi-specialty experts in ACHD, advanced heart failure and transplantation stands ready to care for them.

FOR PATIENTS WITH MULTI-SYSTEM FAILURE: DUAL ORGAN TRANSPLANTATION

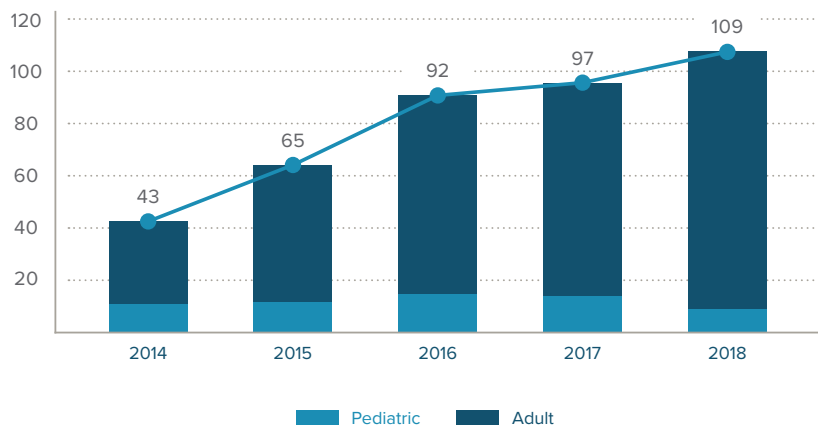
Because our program is part of a comprehensive transplant center, all of our transplant patients benefit from the collective expertise and

experience across specialties. We are one of only a handful of centers able to perform life-saving multi-visceral transplants, including heart-liver, heart-kidney, and heart-lung.

PROGRAM GROWTH & OUTCOMES

Vanderbilt is home to the second largest heart transplant program in the nation by volume for combined adult and pediatric procedures. We are proud of this distinction because it reflects the dedication, talent, and hard work of our team; the trust placed in us by our patients and their families; and the generosity of people who donate organs so that others may live.

TOTAL HEART TRANSPLANT VOLUMES ADULT AND PEDIATRIC: 2014-2018



One-Year Survival Rate: **92.11%**

Our Dedicated Team

Vanderbilt is ranked No. 1 in Tennessee for heart care by *U.S. News & World Report*, and our team leads the region in treating advanced heart failure. We strive to provide the highest quality referral service to assist you in managing your patients' complicated needs. We know that optimal treatment of heart disease requires expertise from experienced providers and effective communication with referring physicians.



CARDIAC SURGEONS



Ashish S. Shah, M.D.

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ADVANCED HEART FAILURE / TRANSPLANT CARDIOLOGISTS



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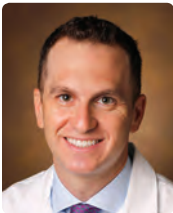


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VAD/HEART TRANSPLANT INPATIENT NURSE PRACTITIONERS



Rachel Allison, MSN, AGACNP

VAD/Transplant Nurse Practitioner

Education

MSN - Vanderbilt University School of Nursing



Whitney Anderson Bratcher, MSN, ACNP-BC

VAD/Transplant Nurse Practitioner

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April Edwards, MSN, ACNP-BC

VAD/Transplant Nurse Practitioner

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Ryan Gant, MSN, AGACNP-BC

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Deborah Harrington, MSN, AGACNP-BC

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Ashlee Piercey, MSN, ACNP-BC

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Heart Failure Nurse Practitioner

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Linda T. Howerton, MSN, ACNP-BC, CCRN, CHFN

Heart Failure Nurse Practitioner

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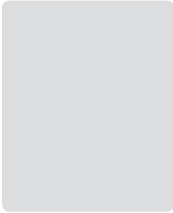


Connie M. Lewis, MSN, ACNP-BC, ANP-BC, CCRN, CHFN, FHFA

Heart Failure Nurse Practitioner

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Michelle Parker, MSN, FNP-BC

Heart Failure Nurse Practitioner

Education

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TRANSPLANT NURSE PRACTITIONERS



Dawn Eck, NP, MSN, ACNP-BC, MMHC

APN Manager and Nurse Practitioner

Education

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MMHC - Vanderbilt University



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MSN - Vanderbilt University School of Nursing



Sarah T. Morgan, MSN, AGPCNP-BC

Transplant Nurse Practitioner

Education

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Transplant Nurse Practitioner

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Cardiac Transplant and Mechanical Circulatory Support

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VanderbiltTransplant.com