



 **Stanford**  
Children's Health

Lucile Packard  
Children's Hospital  
**Stanford**

# 2016 Outcomes Report

Heart Transplant Program





## *The Salcedo Family*

Jesus and Ema Salcedo with their four children, Ashley, Karina, Kiara and Jesus. Three of the four children have dilated cardiomyopathy, a disease where the heart muscle becomes enlarged and stretched (dilated), which causes the heart to become weak and pump inefficiently. Karina (10) and Ashley (14) have both received heart transplants at Lucile Packard Children's Hospital Stanford.



# Heart Transplant Program: Overview

The Pediatric Advanced Cardiac Therapies (PACT) program, which comprises the Pediatric Heart Transplant and Heart Failure programs, has a long history of innovation and treats patients from all over the world. By integrating these programs, we can provide ongoing comprehensive care to patients with heart failure and offer them the most advanced medical and surgical treatment options available.

The PACT program is one of the largest and most experienced programs in the nation, with extensive expertise in treating high-acuity patients. We treat the most complex and severely ill patients and achieve equivalent outcomes to national results.

The Lucile Packard Children's Hospital Stanford heart transplant team is a leader in combined organ transplants, including heart-liver and heart-kidney transplants.

We also offer a full range of circulatory assist devices as alternatives or bridges to transplantation for seriously ill children who are awaiting heart transplants. Our program provides mechanical support to patients with complex congenital heart disease, including single-ventricle physiology and post-transplant support. The LPCH Ventricular Assist Device (VAD) team is a highly skilled, multidisciplinary group that not only provides medical care but is also dedicated to educating patients and families about VADs so that patients can be maintained on a VAD outside of the hospital.

PACT is committed to providing personalized medicine, including a dedicated genetic counselor and cardiac genetics services. Our vision is paving the way for medical care that is tailored to the individual and not just the disease.

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## Program Directors



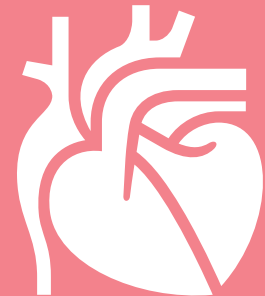
**Olaf Reinhartz MD**  
*Surgical Director,  
Heart Transplant*



**David Rosenthal MD**  
*Medical Director,  
Heart Transplant*

# Heart Transplant Program: Milestones

Ongoing participant in the first ever collaborative study, funded by the National Institutes of Health, of the mechanisms of chronic allograft rejection in pediatric patients



**National leader** in pediatric combined heart-liver transplants in the United States

**Innovative care program** for heart failure and transplant patients who are highly sensitized

We have performed  
**354**  
pediatric heart transplants

We have implanted  
**125 VADs**  
and are one of the highest-volume pediatric Ventricular Assist Device (VAD) programs in the United States

#5 in the nation for cardiology & heart surgery



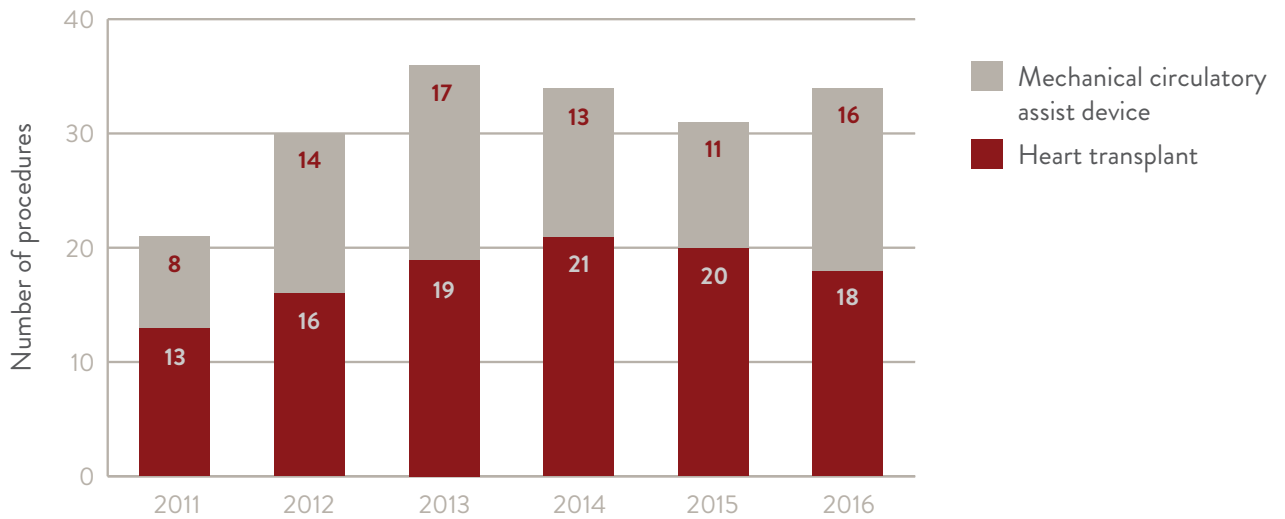
U.S. News & World Report 2016-2017 "Best Children's Hospitals" Report

More than **40** years of experience performing pediatric heart transplants

# Heart Transplant Program: Volume & Recipient Age

## *Transplant volume*

We are a national leader in heart transplant volume and have been in continuous operation since 1974.



## *Recipient age*

The babies, children and adolescents who have received a heart transplant at Lucile Packard Children's Hospital Stanford represent a wide range of ages, and we continue to provide care for patients as they transition to adulthood.

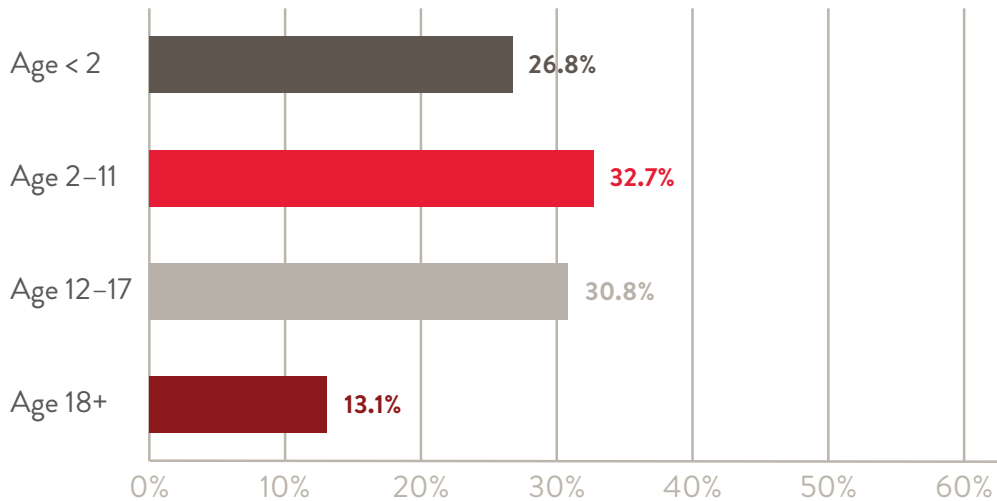
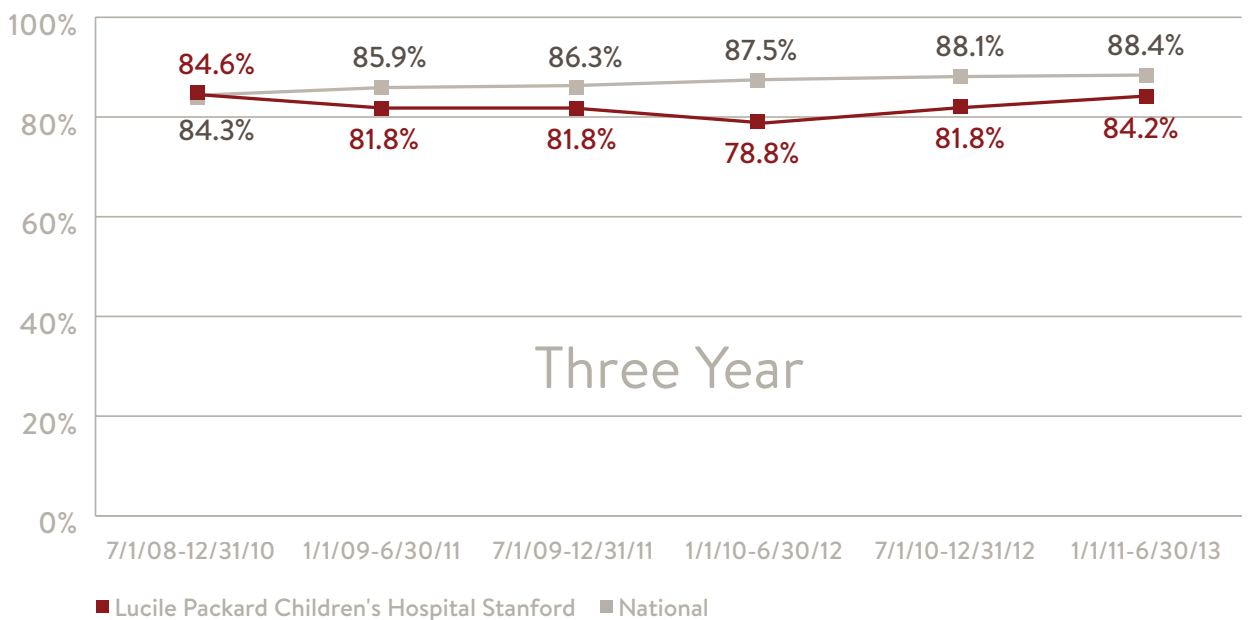
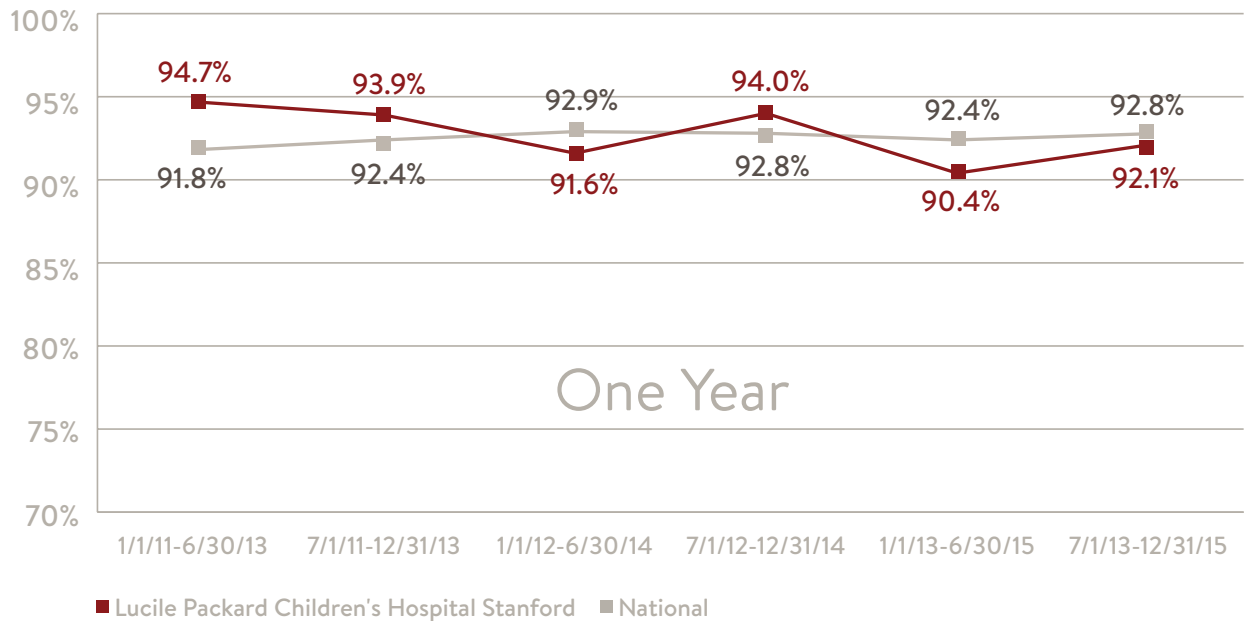


Chart data includes all transplant patients from 2010-2016.

# Heart Transplant Program: Survival Rates

## Patient survival rates

The graphs below compare the 1- and 3-year survival rates for heart transplant patients in our program with the national average.







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### **Transplant Program Contact Info**

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[transplant.stanfordchildrens.org](https://transplant.stanfordchildrens.org)