			А	My NCBI 2 [Sign In] [Register]					
All Databases	PubMed N	Nucleotide	Protein	Genome	Structure	OMIM	PMC Jo	ournals Bo	oks
Limits Preview	- for /Index History	Clipboard	Details		GO	Clear	Advanced Sea	<u>1011</u>	
Display AbstractPlu	us	· Show 2	20 · Sort	By Se	nd to				
All: 1 Free Full	Text: 0 Review: 0	0							
1: <u>Circulation.</u> 1	994 Nov;90(5 Pt 2	2):II51-5.							Links
Pediatric cardiac to Sarris GE, Smith	ransplantation. The	e Stanford ex	xperience. <u>Pitlick PT</u> ,	<u>Baum D, Bill</u>	ingham				
<u>ME, Oyer PE, Stir</u>	<u>ison EB, Starnes</u>	VA, et al.				Ŀ	UD A	٨ed	
Department of Cardio	othoracic Surgery, St	tanford Univers	sity School of	Medicine, Calif.		Try	the redesign	ed PubMed	
BACKGROUND: Ca	rdiac transplantati	ion for childre	en with ends	stage heart dis	ease has	,			

become an accepted form of therapy and is being practiced with increasing frequency and improving short-term outcome. METHODS AND RESULTS: To assess

+/- 6.4 [SD]) who underwent orthotopic cardiac transplantation at Stanford

cardiomyopathy in 27 (37%), viral cardiomyopathy in 12 (17%), and familial

over time and has included a tapering schedule of steroids, azathioprine, rabbit

OKT3 since 1987. Operative mortality rate was 12.5 +/- 4.0% (mean +/- 70% confidence intervals). Actuarial survival estimates at 1, 5, and 10 years are 75 +/-

disease in 5 (17%), pulmonary hypertension in 4 (14%), and nonspecific graft failure in 2 (7%) patients. Survival rates were similar for patients over and those

under age 10 years (including the infant cohort of 18 patients transplanted since 1986). Currently, there are 43 patients alive, all in New York Heart Association

infection-related death at 5 years. Actuarial freedom from graft coronary artery disease (angiographic or autopsy proven) was 85 +/- 6.6% at 5 years and from

coronary artery disease-related death was 91 +/- 4.7%. CONCLUSIONS: These

necessary to more effectively control rejection, infection, and graft coronary

disease.

PMID: 7955282 [PubMed - indexed for MEDLINE]

data demonstrate satisfactory medium-term outcome of cardiac transplantation in selected pediatric patients with end-stage heart disease, but further progress is

functional class I. Only 22 +/- 5.6% of patients were free of rejection at 1 year, but

86 +/- 5.4% were free of rejection-related death at 10 years. At 1 year, only 37 +/ - 6% of patients were free from any infection, but 88 +/- 4.2% remained free of

antithymocyte globulin, cyclosporine in all patients after 1980, and induction with

7.1%, 60 +/- 6.4%, and 50 +/- 8.1% (mean +/- 1 SEM), respectively. Causes of

death included infection in 8 (28% of deaths), rejection in 7 (24%), graft coronary

the medium-term outcome of pediatric cardiac transplantation, we analyzed our

University between 1977 and 1993. There were 38 male and 34 female patients.

Preoperative diagnoses included congenital heart disease in 24 (33%), idiopathic

experience with 72 patients under the age of 18 (range, 0.1 to 17.7 years; mean, 9

cardiomyopathy in 7 (10%) patients. Immunosuppressive management has evolved

Related articles

Cardiac transplantation: the Stanford experience in the cyclosporine era. [J Thorac Cardiovasc Surg. 1994] Long-term results of combined heart-lung

transplantation: the Star [J Heart Lung Transplant. 1994]

Review Cardiac transplantation in pediatric patients: fifteen-year experience of a sint [Ann Thorac Surg. 2005] Ten- and 20-year survivors of pediatric orthotopic heart transplantation. [J Heart Lung Transplant. 2006] **Review** Pediatric cardiac transplantation in children with high panel reactive antibody. [Ann Thorac Surg. 2004]

» See reviews... | » See all...

Cited by 1 PubMed Central article

Cardiac transplantation for pediatric patients. With inoperable congenital heart dise: [Tex Heart Inst J. 1998]

Patient Drug Information

Cyclosporine (Neoral®, Sandimmune®, Gengraf®) Cyclosporine and cyclosporine (modified) are used with other medications to prevent transplant rejection

Azathioprine (Azasan®, Imuran®) Azathioprine is used with other medications to prevent rejection of kidney transplants. It is also used to treat severe rheumatoid

Source: AHFS Consumer Medication Information

	Turn Off	<u>Clear</u>
Pediatric cardiac transplantation experience.	. The Stan	ford
Delayed presentation and repair traumatic ventricular septal defe	of isolated	b
Anomalous origin of left coronary pulmonary artery in hypoplastic I	y from righ eft heart s	it Y
Branch retinal artery occlusion fr left atrial catheter 21 years after	om a retai operat	ned
Ventriculo-arterial discordance: s morphologically left ventricle into	switching t the sys	he
	» See	more
	Pediatric cardiac transplantation experience. Delayed presentation and repair traumatic ventricular septal defe Anomalous origin of left coronary pulmonary artery in hypoplastic Branch retinal artery occlusion fr left atrial catheter 21 years after Ventriculo-arterial discordance: a morphologically left ventricle into	Pediatric cardiac transplantation. The Stan experience. Delayed presentation and repair of isolated traumatic ventricular septal defect. Anomalous origin of left coronary from righ pulmonary artery in hypoplastic left heart s Branch retinal artery occlusion from a retai left atrial catheter 21 years after operat Ventriculo-arterial discordance: switching t morphologically left ventricle into the sys » See

Display	AbstractPlus	Show	20	Sort By	•	Send to	•

Write to the Help Desk NCBI I NLM I NIH Department of Health & Human Services Privacy Statement I Freedom of Information Act I Disclaimer