



Matthew ("Buddy"), 14 years old, 1 year after kidney and liver transplant

Kidney Transplant Program

About us

The Kidney Transplant Program at Children's Hospital Boston was established in 1971 to provide comprehensive care to infants, children and adolescents undergoing kidney transplantation. Our world-renowned specialists evaluate children with renal failure who require either dialysis or a transplant and manage the care of children who have received transplants. Since the program's inception in 1971 through June of 2009, Children's has performed 633 kidney transplants.

Our care

Our specialists bring an expertise to the diagnosis and treatment of every condition resulting in end-stage renal disease in children, including congenital and familial disorders of kidney and bladder development, as well as acquired diseases such as focal segmental glomerulosclerosis and lupus.

Our comprehensive evaluation process involves patient family consultations with transplant physicians, transplant surgeons,

urologists, infectious disease specialists, nurses, dietitians, social workers, psychologists and Child Life specialists. Our program is closely integrated into Children's Nephrology Program, the largest pediatric program of its kind in the country.

For living donor transplants, our program collaborates with the adult kidney transplant program at Brigham and Women's Hospital, also located in Boston.

Innovation and research

The Kidney Transplant Program is a world leader in pediatric kidney transplant clinical research. We are committed to developing innovative and improved anti-rejection medication protocols for kidney transplantation with the goal of promoting optimal transplant outcomes while reducing unwanted side effects and complications. Our team was instrumental in the development of the NIH's Cooperative Clinical Trials in Pediatric Transplantation, and we currently contribute to more pediatric kidney transplant research protocols

than any other program in the nation. We have developed and led trials in steroid withdrawal and avoidance and calcineurin-inhibitor withdrawal. We are currently developing trials designed to simplify immunosuppression medication delivery

for children. The North American Pediatric Renal Trials and Collaborative Studies (NAPRTCS) national offices are located at Children's Hospital Boston.

Our program by the numbers

Transplants performed by recipient age

	Since Program Inception	2009*	2008	2007	2006	2005	2004	2003
- All Ages	623	4	27	18	16	16	12	19
< 1 Year		0	1	0	0	0	0	0
1-5 Years		1	10	4	1	1	0	3
6-10 Years		0	6	1	4	7	3	1
11-17 Years		2	5	9	6	3	5	7
> 17 Years		1	5	4	5	5	4	8

* Through March 2009

Graft survival by time since transplant (age <18)*

	1 month	1 Year	3 Years
Children's	100.00%	100.00%	96.15%
National Average	97.59%	94.28%	83.84%

Patient survival by time since first transplant (age <18)*

	1 month	1 Year	3 Years
Children's	100.00%	100.00%	100.00%
National Average	99.69%	96.80%	97.14%

*Through January 2009, SRTR data. For more recent results, consult the federally mandated data registry at ustransplant.org.

Referrals and consultations

Phone: 617-355-7636 or 877-TX-4PEDS

Web: childrenshospital.org/kidneytx