By translating discoveries from the lab into improved patient care, and educating tomorrow’s leaders, the Transplant and Regenerative Medicine Centre helps to ensure that children born with end-stage organ failure can live longer, healthier lives.

### About Transplantation

**Each Year**

1,600 Canadians are added to the transplant waiting list.

1 Organ donor can help more than 75 people and save up to 8 lives.

### How SickKids Helps

**SickKids is one of the world’s largest paediatric transplant centres.**

- In 2018, SickKids performed 56 transplant surgeries including:
  - Heart Transplants
  - Kidney Transplants
  - Lung Transplants
  - Liver Transplants

- Since 2000, more than 1,000 paediatric transplants have been performed at SickKids.

- Since 2002, the number of deaths due to intestinal failure at SickKids has decreased from 22 per cent to <1 per cent.

97% of all Ontario paediatric transplants and more than half of all Canadian paediatric transplants are performed at SickKids.
SickKids is changing the future for children with end-stage organ failure. BE A PART OF IT.

SickKids is investigating long-term outcomes of patients who received transplants in childhood to help recipients live healthier, more productive lives.

The living donor program reduces the time a patient needs to wait for a transplant and increases longevity of the transplanted organ.

In the past 3 years, 70 PER CENT of all liver transplants were from living donors.

and more than 40 PER CENT of all kidney transplants were from living donors.

SickKids was the first in the world to develop a program for paediatric kidney transplantation.

SickKids performed its first heart transplant. The Hospital now performs 80 per cent of Canadian paediatric heart transplants.

The ABO-incompatible heart transplant – a transplant performed on a patient with an incompatible blood type to the organ donor – was pioneered at SickKids, decreasing wait times and death rates for infants awaiting heart and other solid organ transplants worldwide.

SickKids researchers generate stem cells from adult skin, raising the possibility that a patient’s own skin may generate cells to treat nerve injuries, multiple sclerosis and spinal cord injury.

The Group for the Improvement of Intestinal Function and Treatment (GIFT) was established at SickKids, the first of its kind.

SickKids pioneered the use of the Novalung® in children—an external lung used to keep a child alive until a donor organ becomes available.

SickKids completed the world’s first ABO-incompatible lung transplant in an infant.

The 900th kidney transplant and the 500th individual liver transplant was completed.

SickKids celebrates 50 years for paediatric kidney transplant, completing more than 900 transplants since 1969.

THE FUTURE

SickKids provides fellowship training programs in transplant infectious diseases, intestinal failure, and organ-specific transplant programs. Visit www.sickkids.ca/trmc to learn more.

We believe in a future of regeneration for transplanted organs.