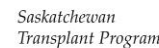
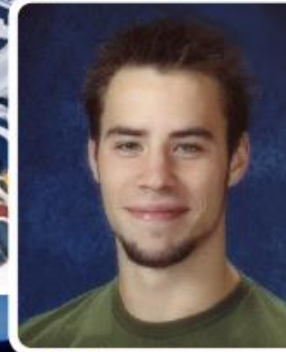


Saskatchewan Transplant Program

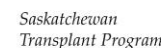
Offering Hope



Organ and Tissue Donation in Saskatchewan

In 2015, living and deceased donor rates in Saskatchewan were far below the national and international average.

- Living donor rate – **2.7** per million people
 - Canada – **16** per million people
- Deceased donor rate – **8.8** per million people
 - Canada – **17** per million people
 - **Spain – 36** per million people



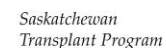
Canadian Blood Service's "Call to Action"

- Accountability
- Donation physicians
- Public awareness
- Leading practice
- Professional education
- Patient registries
- Data management and analytics
- Research, innovation and quality improvement
- Frontline financial resources



Human Tissue Gift Act

- 2014 review by the legislature
- Potential regulation changes:
 - Required referral to the Saskatchewan Transplant Program
 - Purchase of corneas
 - Improved communication



Canadian Organ Donation Organizations

- Responsible for procuring organs from both living and deceased donors
- The separation of transplant programs and organ donation organizations protects against actual and perceived conflicts of interest
- Province with these organizations: AB, BC, MB, NB, NF, NS, ON



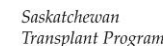
Donation Physicians

- Specially trained critical care physicians who champion donation and assist with:
 - DCD (donation after cardio-circulatory death) programs
 - Support for mandatory referral
 - Education and advocacy
 - The creation of a donation culture



Saskatchewan Transplant Program

Saskatchewan Transplant Program	As Of December 31, 2015
Kidney Transplant Recipients	462 Kidney Recipients 63% Male; 21% Diabetic; 16% Aboriginal; Average Age 53
Kidney Assessments	48 patients referred and not yet seen 164 patients being assessed for kidney transplant 105 awaiting kidney transplant
Donors	10 Deceased organ donors 50 deceased tissue donors (45 cornea, 5 tissue) 3 Living kidney donors 246 Living Bone Donors 100 patients being assessed for living kidney donation
Heart, Lung, Liver Transplant Recipients	168 recipients 34 Hearts 42 Lungs 73 Livers 19 pediatric recipients
Heart, Lung, Liver, Pulmonary Hypertension Assessments	61 patients 8 Hearts 13 Lungs 2 Livers 3 pediatric 26 Pulmonary Hypertension



Saskatchewan Transplant Program

Lack of a clear governance structure

- Division of governance and authority between the:
 - Saskatchewan Transplant Program in Saskatoon
 - Kidney Health Centre in Regina

Saskatchewan Transplant Program

Lack of an organ donation organization and donation physicians

- Conflict of interest – the same physicians caring for transplant recipients are making decisions about donation
- Donation physicians – needed to support a DCD (donation after cardio-circulatory death) program

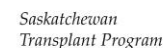


Saskatchewan Transplant Program

Lack of human resources to care for donors and recipients

More staff are required to deliver the many services the program provides, including:

- Assessment for transplant
- Kidney waitlist management
- Ongoing care for recipients of solid organ transplants
- Assessment for living kidney and bone donation
- Retrieval and transplantation of kidneys
- Retrieval of cornea, bone, tendon and heart valve from deceased tissue donors
- Education and advocacy for organ and tissue donation across Saskatchewan
- Quality and improvements to meet accreditation standards with Health Canada
- Care for individuals with pulmonary hypertension



Recommendations

1. Improve donation advocacy, education and leadership through:
 - a. Human resource support
 - b. Donation physicians
 - c. Education for frontline staff and physicians



Recommendations

2. Improve the effectiveness of the province's existing transplant program through enhancements to its governance structure.



Recommendations

3. Increase funding for organ and tissue donation education and awareness to develop a culture that supports donation through:
 - a. Public awareness campaigns
 - b. Collaboration with First Nations and Métis Communities

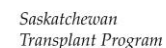


Conclusion

With emphasis placed in these three key areas, improvements to Saskatchewan's donor rates could be realized over the next three to five years.

Saskatchewan has the potential to be a leader in organ and tissue donation and transplantation.

Let's realize that potential.



Thank you.



Saskatchewan
Transplant Program

