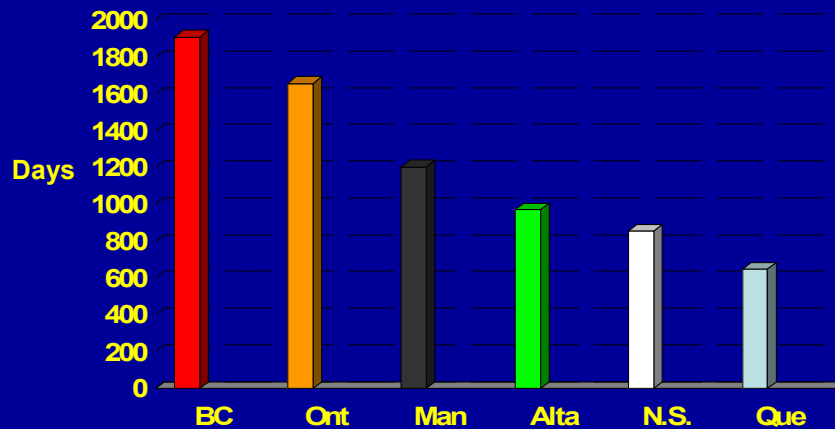


Waiting For A Kidney



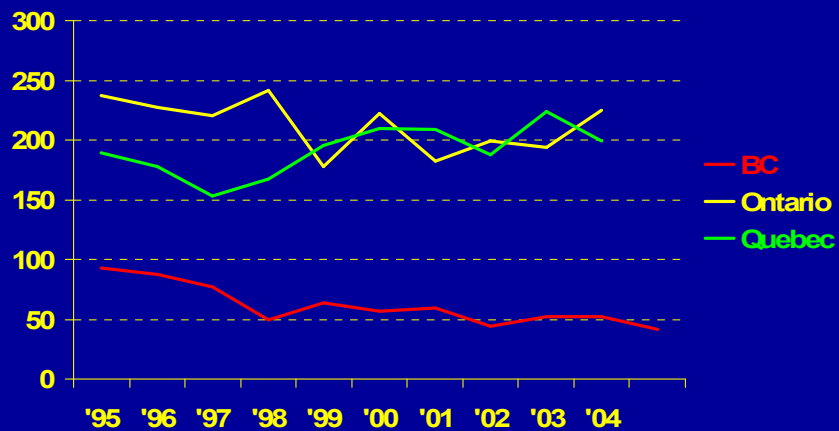
UBC Department of Urologic Sciences
April 25, 2007

Dialysis Duration (median days) Prior to First Kidney Transplant in Canada 2002 - 2004



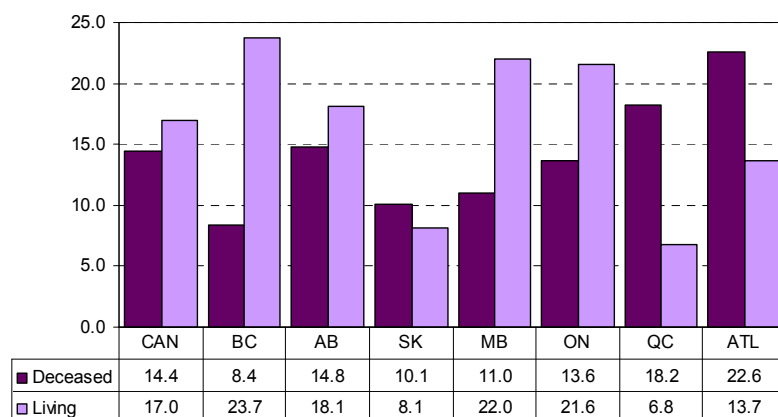
CORR – 2006 Annual Report

Deceased Donor Kidney Transplants in Canada 1995 - 2004



CORR – 2006 Annual Report

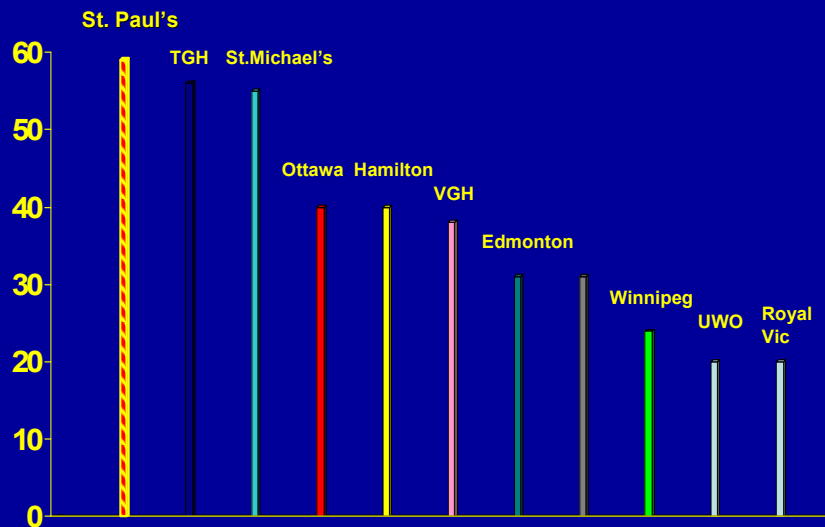
Organ Donors, Canada and Provinces, 2006 (Rate per million population)¹



¹ Crude rate.

Source: Canadian Organ Replacement Register, Canadian Institute for Health Information (2007)

Adult Live Donor Transplants Canada – 2006 (CORR – 2007 unpublished)



Patient Survival* for Incident Dialysis Patients, 1996-2000 (Follow-up to 12/31/2001)

Age Group	Modality	1 Month	1 Year	3 Years
65+ yrs	Hemo	97%	75%	<u>48%</u>
	Peritoneal	98%	76%	<u>36%</u>
18-64 yrs	Hemo	98%	86%	65%
	Peritoneal	100%	90%	55%
< 18 yrs	Hemo	94%	84%	71%
	Peritoneal	100%	83%	75%

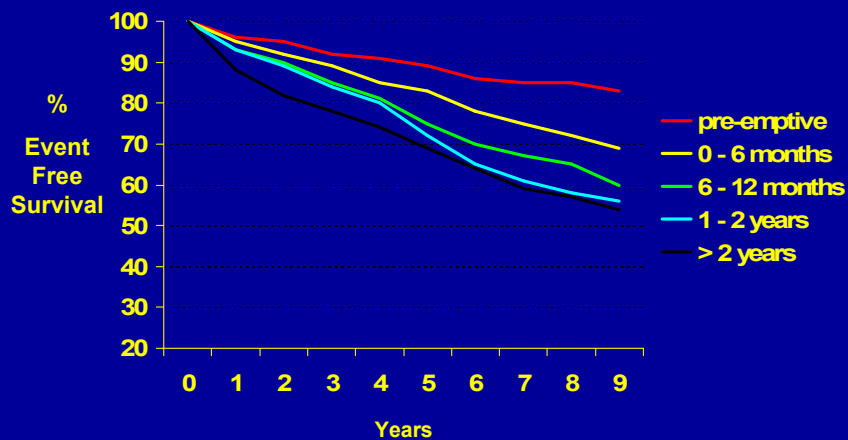
Source: Canadian Organ Replacement Register, Canadian Institute for Health Information (2004)

Patient Survival for Patients with First Kidney Transplant, 1996-2000 (Follow-up to 12/31/2001)

Deceased Donor	Age Group	Diabetic Status	1 Month	1 Year	3 Years
	65+ yrs	DM	100%	94%	<u>64%</u>
		Non-DM	97%	87%	<u>81%</u>
	18-64 yrs	DM	98%	95%	90%
		Non-DM	99%	97%	95%
Living Donor	18-64 yrs	DM	98%	95%	89%
		Non-DM	100%	99%	98%

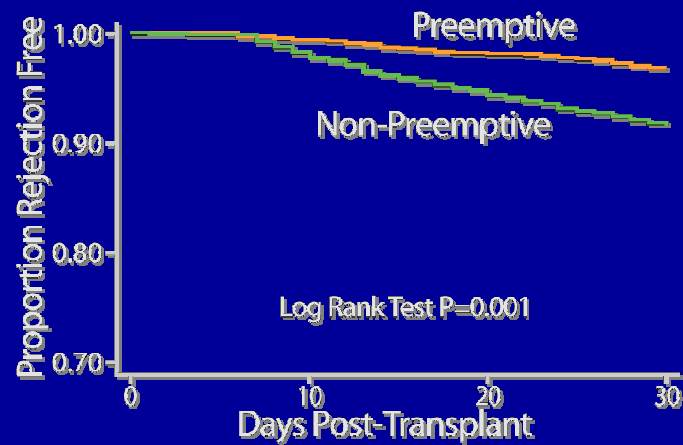
Source: Canadian Organ Replacement Register, Canadian Institute for Health Information (2004)

Dialysis Time Determines Transplant Outcome



Transplantation 2002;74:1377

Early Acute Rejection Following Kidney Transplantation



Waiting For A Kidney

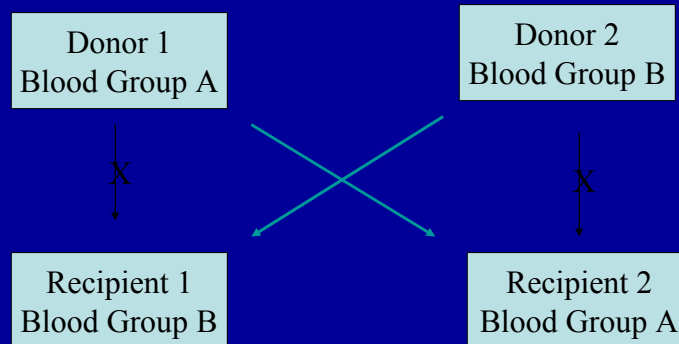
Live Donor

- Donor exchange
- Anonymous donor

Deceased Donor

- Expanded criteria (ECD)
- Donation after cardiocirculatory death (DCD)

Donor Exchange



Concerns About Donor Exchange

Legal

no "valuable consideration" for organ & tissue donation

Ethical

loss of an honourable excuse for ambivalent donors

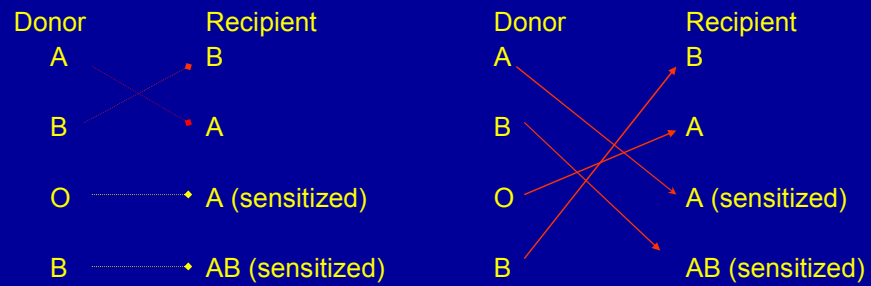
asymmetric recipient outcomes

Practical

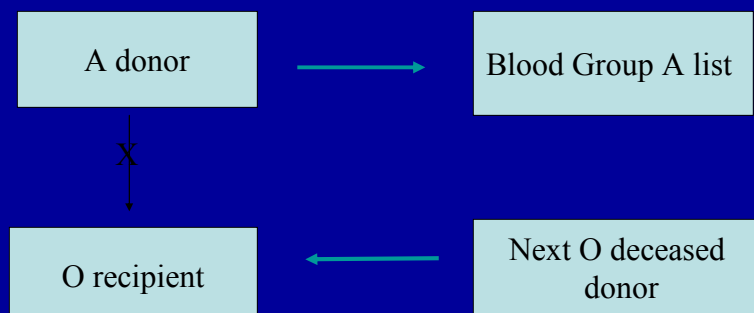
need for simultaneous surgeries

need for anonymity

Optimizing Donor Exchange



LIST EXCHANGE



Anonymous Donation

a.k.a. Non-Directed Donation

BCTS LAD Policy

- Donor driven
- Consent to anonymity and non-directed donation
- Independent medical assessment
- Donor advocate
- Psychological and psychiatric assessment

Experience To Date

