

2011 Transplant Atlantic

Sharing Provincial Donation Pool Initiatives

Lois West

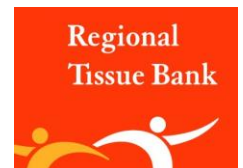
Interim Manager, Regional Tissue Bank

October 13, 2011

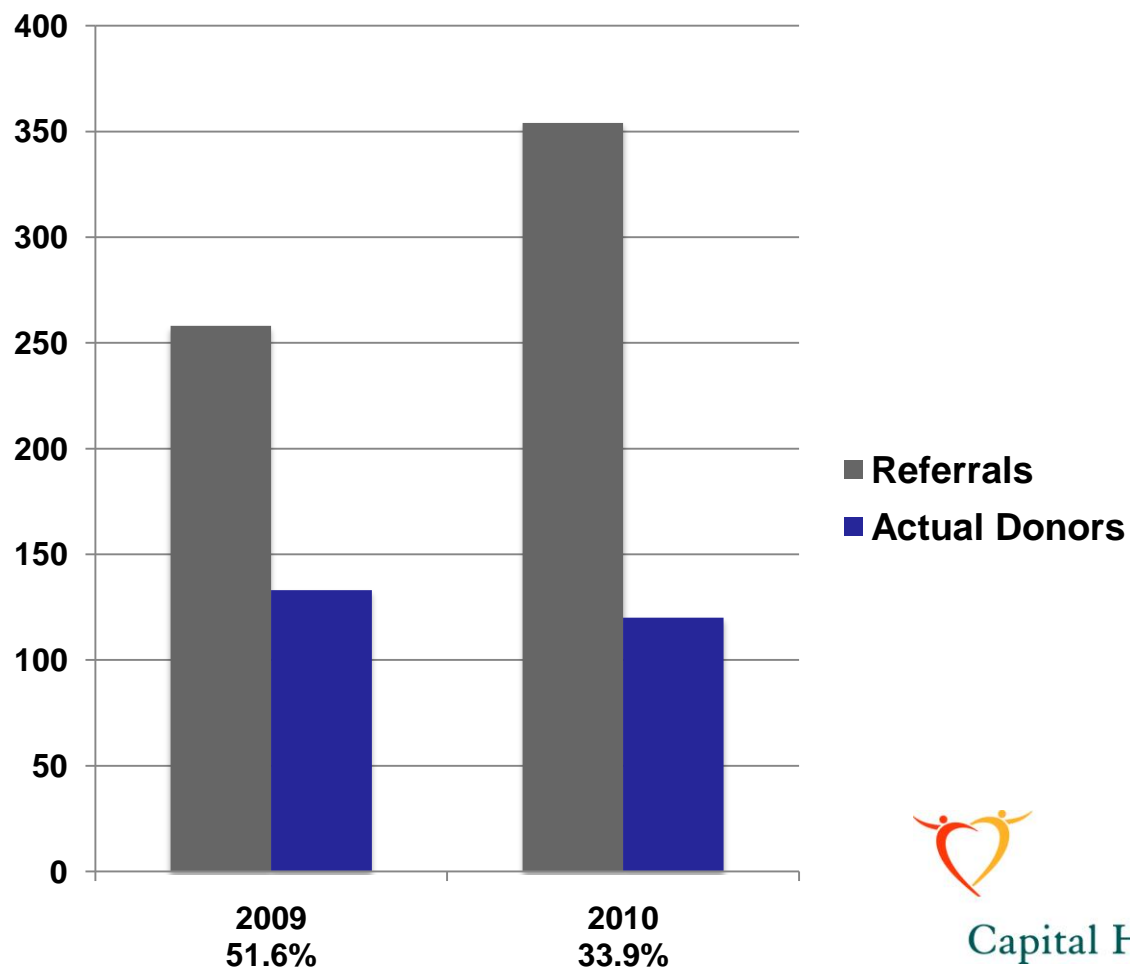


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Tissue Referrals/Donors 2009, 2010

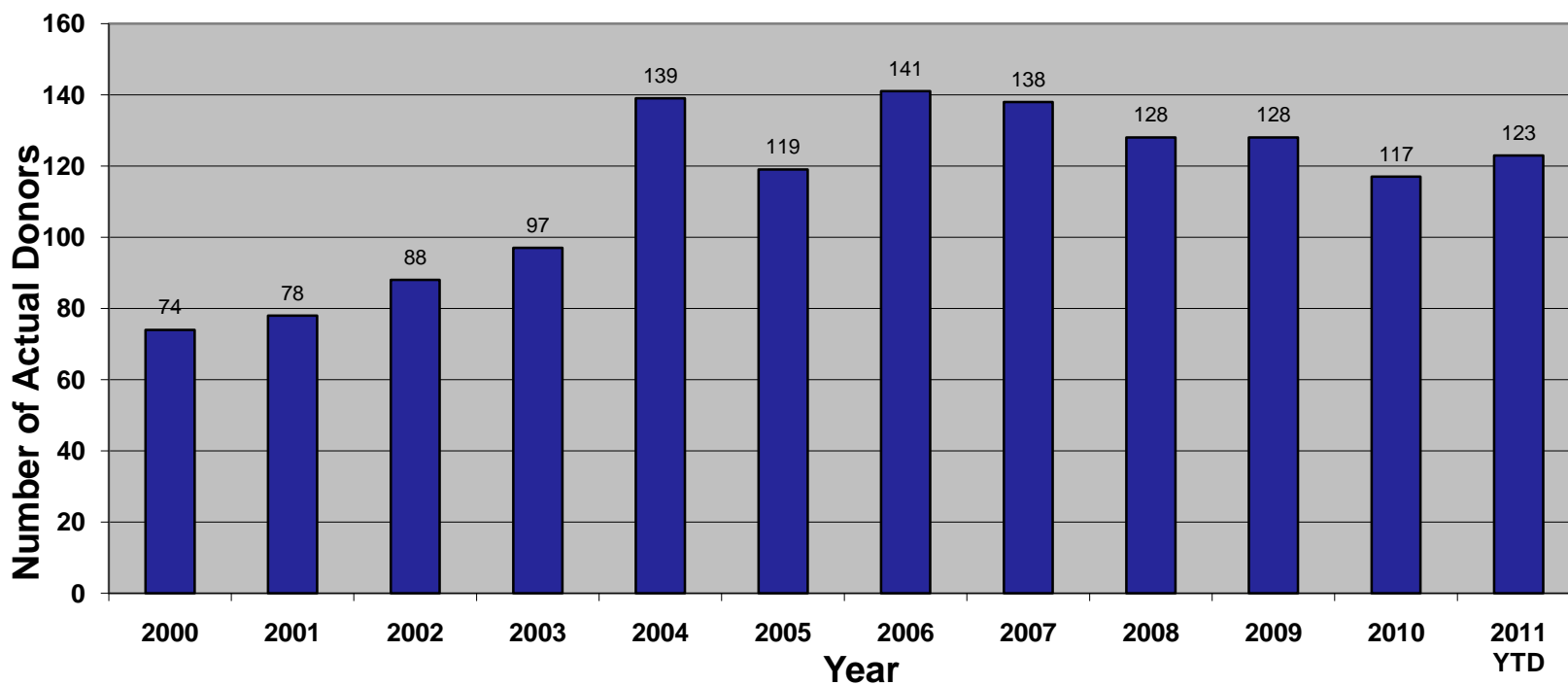


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Tissue Donation Activity Snapshot



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Intra - Provincial

IWK

- Organ coordinators and RTB invited to be part of their accreditation team
- provide ongoing education and support to organ/tissue donor initiatives

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- MDE workshops and general education to Palliative Care, 8.4, Surgical Grand Rounds, coffee cart education



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Inter-Provincial

New Brunswick – ongoing auditing and training relationship, import corneas and other tissue for processing and distribution

Newfoundland – heart valve MOU for donors not eligible for whole organ donation

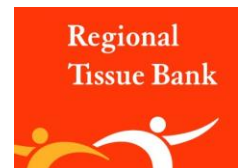
Hema-Quebec – visit to our program, established agreement for importing excess corneas to CDHA for use in our cornea transplant program, on going processing heart valves/tendons on their behalf

PEI – MOU, remote cornea program, June visit MDE Workshop to multi-disciplines and cornea recovery training



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Research

Skin Decellularization – Dalhousie

- involves extracting cellular materials (source of immune response and viruses) from allograft tissues leaving an intact, structurally native extra-cellular matrix scaffold (collagen, elastin, proteoglycans).¹ The decellularization process has the potential to provide a safer and more sterile graft by removing bacteria and viruses.

Heart – PI Dr. G. Hirsch Cardiac Surgery CDHA

- To examine there exists a significant burden of coronary atherosclerosis in a population of patients who would be potential heart transplant donors.
- The Regional Tissue Bank recovers valves from approximately 20 donors per year for homograft valve replacements. As part of the consent process, the donating family has the opportunity to allow the remaining tissue to be used for research. When the Tissue Bank receives a heart with the appropriate research consent obtained, we will contact the research team in order to coordinate transfer of the heart post tissue recovery.



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On The Radar

Proclamation of Human Organ and Tissue Donation Act (fall 2012)

- Role in education
- Response to increased volume of referrals and donors

Decisions Regarding Implementation of CBS Recommendations

- Timing, uncertainty
- Change our historic mandate?
- RTB, provincial and regional implications

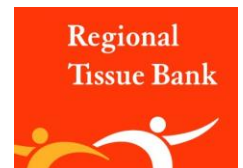
RTB Response to Change

- Demonstrate patient focus, innovation, leadership
- Sustainability – may change the way we do our work – voluntary and/or mandated
- Maintenance of quality program despite challenges



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Thank You

QUESTIONS



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