

Let's Talk Informatics

Human Organ & Tissue Donation Act
IT Evolution

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Human Organ & Tissue Donation Act
IT Evolution

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September 15, 2022

Acknowledgement

We acknowledge we are gathered today
in Mi'kma'ki (*Mig-**maw**-gee), the traditional ancestral
unceded territory of the Mi'kmaq (*Mig-**maw**) people.

Informatics utilizes health information and health care technology to enable patients to receive best treatment and best outcome possible.

Let's Talk Informatics Objectives

This series is designed to enable participants to:

- Identify knowledge and skills healthcare providers need in order to use information now, and in the future
- Prepare health care providers through an introduction to concepts and experiences in Informatics
- Acquire knowledge to remain current by becoming familiar with new trends, terminology, studies, data and news
- Collaborate with a network of colleagues to establishing connections with leaders who can provide advice on business issues, best-practice and knowledge sharing

Let's Talk Informatics Certifications

- **Digital Health Canada** - participants can claim 1CE hour for each presentation attended.
- **College of Family Physicians of Canada and Nova Scotia Chapter** - participants can earn one Mainpro+ credit by providing proof of content aimed at improving computer skills applied to learning and access to information.
- **Canadian College of Health Information Management** - approves 1 CPE credit per hour for this series for professional members of Canada's Health Information Management Association (CHIMA).

Conflict of Interest Declaration

I do not have an affiliation (financial or otherwise) with a pharmaceutical, medical device, health care informatics organization, or other for-profit funder of this program.

Session Specific Objectives

- Highlight HOTA Legislation
- Identify Impacted Clinical Programs
- IT Solutions Improving Clinical Workflows & Patient Outcomes



Canadian Statistics

➤ Health Canada

- Each year, hundreds of Canadians die waiting for an organ transplant
- Only 1 in 5 Canadians has registered their decision to donate

➤ Canadian Blood Services

- A single organ donor can save up to 8 lives
- A single tissue donor can help up to 75 people
- Individuals are 6 times more likely to need a transplant than become an organ donor

Canada



Human Organ & Tissue Donation Act (HOTDA)



- Effective January 18, 2021
- First Jurisdiction in North America
- Goal – Increase Organs & Tissues Available for Transplant
- Nova Scotians Have a Choice
Change from Opt-In to Opt-Out system
- Direct Contact – Effective January 18, 2022

Impacted Programs

Legacy of Life Organ Donation (LOLOD)

- Deceased Organ Donors

Heart, Kidneys, Liver, Lungs,
Pancreas, Small Bowel, Stomach

- Meet GIVE or MAiD

- Documentary – Her Last Project

Regional Tissue Bank (RTB)

- Deceased Tissue Donors

Eye (Cornea & Sclera), Skin,
Bones, Tendons, Heart Valves

- Procurement can occur up to 24
hours postmortem

Multi Organ Transplant Program (MOTP)

- Atlantic Canada

- Transplant Recipients
(Pre and Post Transplant)

- Live Organ Donors

Environment

- HOTDA Legislation
- NSH IM/IT Project Policies and Procedures
- One Patient One Record (OPOR)
 - Organ & Tissue Donation and Transplantation Identified for Phase I
- Pan-Canadian Organ Donation & Transplantation (ODT) Collaborative



HOTDA Innovations



Legacy of Life Organ Donation (LoLOD)

- Death Chart Audit (DCA)
 - Legislative Evaluation: Assessment of Deceased Donation Reform (LEADDR) Program
- Donor Management System (DMS)
- Family Support and Direct Contact

HOTDA Innovations

Regional Tissue Bank (RTB)

- Automated Email Death Notifications
- Registered Consent Decision
- Migrate Bone Marrow Transplant Application from MS Access to TIMS Web
- Improved Reporting



HOTDA Innovations



Multi Organ Transplant Program (MOTP)

- VDI Access for Windows 7 MS Access Desktop Application

Across Programs

- HOTDA Key Performance Indicators
- Upgrade Outdated Application and DB Servers
- Upgrade Staff Devices
- Telephone Audio Recordings – Bell Total Connect

2021 Clinical Impacts



- Over 200 referrals made for organ donation
Increase of 130% over 2020
- 23 Organ Donors
- Over 1,500 referrals of potential tissue donors
Increase of 228% over 2020
- 155 tissue donors in 2021
Increase of 40% over 2020
- 112 organ transplants
 - 79 kidneys
 - 30 livers
 - 3 hearts

Pan-Canadian Organ Donation & Transplantation (ODT) Collaborative



[Health Canada](#)

[Canada Health Infoway](#)

[Canadian Institute for Health Information](#)

[Canadian Blood Services](#)

- Connect ODT Systems Across Canada
- Develop National Standards & Minimum Datasets
- Manage Resources More Efficiently
- Increase Number & Quality of Successful Transplantations for Better Patient Outcomes

Pan-Canadian Organ Donation & Transplantation (ODT) Collaborative

Initiative 1 – Deceased Organ Donation (LOLOD)

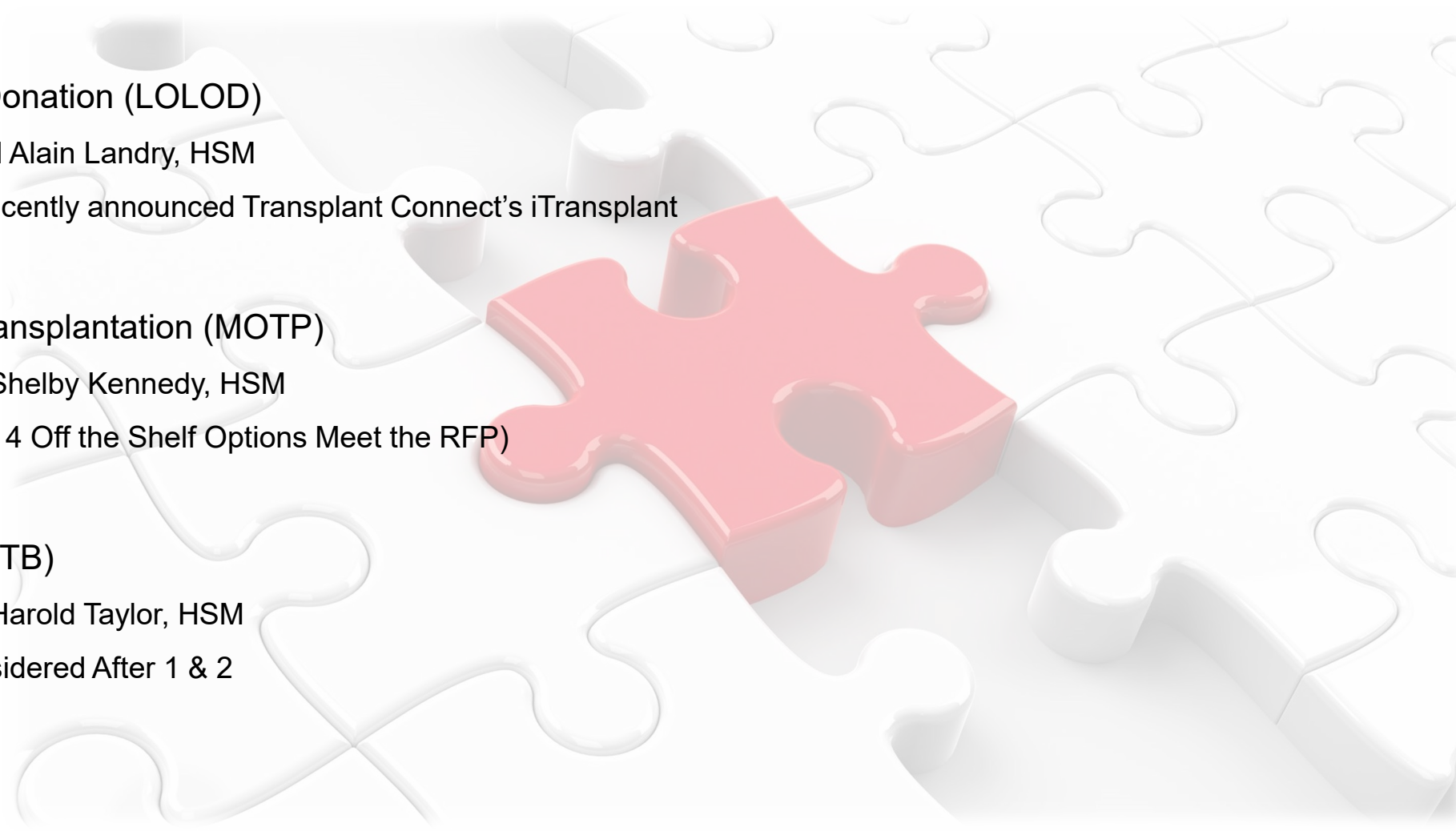
- Cynthia Isenor, Director and Alain Landry, HSM
- Single Solution Funding - recently announced Transplant Connect's iTransplant

Initiative 2 – Live Donation & Transplantation (MOTP)

- Kitty Connell, Director and Shelby Kennedy, HSM
- Multi Solution Funding (3 or 4 Off the Shelf Options Meet the RFP)

Initiative 3 – Tissue Donation (RTB)

- Kitty Connell, Director and Harold Taylor, HSM
- Funding / Scope to be Considered After 1 & 2





Thank you

Need More Info?

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