

Nova Scotia Organ and Tissue Donation Program

Required Referral outcomes in Cape Breton District Health Authority



Outline

- **Policy development**
- **Policy implementation**
- **Policy evaluation**
- **Results**
- **Barriers and challenges**
- **Lessons learned**
- **Recommendations**

Policy Development

- ❖ **2008** chart audit results
- ❖ **May 2008 to Feb 2009** policy research and several drafts developed
- ❖ **From 2009 until April 2010** policy revised and presented to necessary committees for approval
- ❖ **April 2010** policy officially accepted
- ❖ Policy fit well with accreditation standards and the new HOTDA law to be proclaimed

Policy Implementation

April- June 21, 2010

- ❖ Announcement posters
- ❖ Media announcement-radio and newspapers
- ❖ 8 hospital site visits and education sessions x 2
- ❖ District telehealth session
- ❖ Physician mail out
- ❖ Various conference presentations

Implementation Continued

- ❖ Trained requestor's workshops - 4 during roll out
- ❖ June 21 announcement policy active
- ❖ District newsletter article and picture
- ❖ Several tools were also used

NEW POLICY

Organ and/or Tissue Donation Inpatient Referral

IMPLEMENTATION DATE
June 21, 2010

Found in the Nursing Policy and Procedure Manual and
the CBDHA intranet under Nursing Policies.

Policy # 15 - 20

To make a referral for organ and/or tissue donation

Call 902.473.2220



PCS charting

Document Post Mortem Care	
Mon, 31 Jan 2011 0933 by Cathy I MacLeod	
Post Mortem Care	
Time of Death	<input type="text"/>
Notification of Death	<input type="checkbox"/> Physician <input type="checkbox"/> Significant Other <input type="checkbox"/> Family Physician <input type="checkbox"/> Chaplain <input type="checkbox"/> Palliative Care <input type="checkbox"/> Organ Donation <input type="checkbox"/> Family <input type="checkbox"/> Pastoral Care <input type="checkbox"/> Security <input type="checkbox"/> Friend <input type="checkbox"/> Residence
Post Mortem Notification Comment	<input type="text"/>
Tissue Bank Referral	<input type="radio"/> Yes <input type="radio"/> No Comment: <input type="text"/> Applies to all patients 80 years of age and younger
Body Prepared / Shroud Applied	<input type="radio"/> Yes <input type="radio"/> No Comment: <input type="text"/>
ID Tags Applied	<input type="radio"/> Yes <input type="radio"/> No Comment: <input type="text"/>
Autopsy Consent	<input type="radio"/> Yes <input type="radio"/> No Comment: <input type="text"/>
Invasive Lines Removed	<input type="radio"/> Yes <input type="radio"/> No Comment: <input type="text"/>
Registration of Death	<input type="radio"/> Completed <input type="radio"/> Not Completed
Body Released to:	<input type="radio"/> Morgue <input type="radio"/> Funeral Home
Personal Belongings Released To:	<input type="radio"/> Family <input type="radio"/> Morgue <input type="radio"/> Funeral Home
Release of Home Medications	<input type="radio"/> Yes <input type="radio"/> No Comment: <input type="text"/>
Additional Health & Illness Information	<input type="text"/>



Have you given your patient the opportunity to **G.I.V.E.**?

If your patient meets the following criteria, investigate their potential to be an organ donor.

G **GCS ≤ 5T**

As a result of:

- Intracranial hemorrhage
- Traumatic head injury
- Stroke
- Anoxic brain injury

I **Irreversible brain injury**

- Medical opinion is that the brain injury cannot be treated

V **Ventilated**

- Patient is intubated and ventilator - dependent

E **End of life discussion**

- End of life discussion has been held with family and decision has been made to withdraw life sustaining therapy

Consult with an Organ Donor Coordinator for more information at 473-2222.

G *is for*
GCS ≤ 5T

I *is for*
Irreversible brain injury

V *is for*
Ventilated

E *is for*
End of Life discussion

Clinical Triggers For Organ Donation

GIVE



Adapted with permission by the NB Organ and Tissue Procurement Program.

Have you made the C.A.L.L.?



If your patient meets the following criteria, investigate their potential to be a tissue donor.

C patient's death confirmed by a health professional

A patient is 80 years old or younger

L the approximate time of death is known

L tissue bank specialist screens the patient prior to discussing with family

Contact the Tissue Specialist at 473-2222.



C Cardiac Death

A Age ≤ 80

L Length of time since death

L Let the Tissue Bank screen



Adapted with permission of Cape Breton District Health Authority

Criteria for Tissue Referrals

CALL

Staff Educated

- ❖ Staff educated -264 during education sessions
 - ❖ Teleconference- 14 + attended
 - ❖ Pastoral care, Pt Ed .conference- 150 people
 - ❖ Orientation- 158
 - ❖ CBU 2010-46
 - ❖ LPN 2010- 86
- ❖ Total 700 plus to Dec 2010

MDE Workshops

- ❖ Over 150 staff trained
- ❖ Formal evaluation of the workshop

Evaluation and Results

- ❖ Involved a formal review of the of the development and implementation process
- ❖ O and T donation statistics
- ❖ Review of referrals specifically
- ❖ Review of 2010 audits
- ❖ Review of the number of district deaths
- ❖ Assessing front-line provider feedback

Results

- 2010 7/8 hospitals making referrals now
- 2009 had 3/8 making referrals

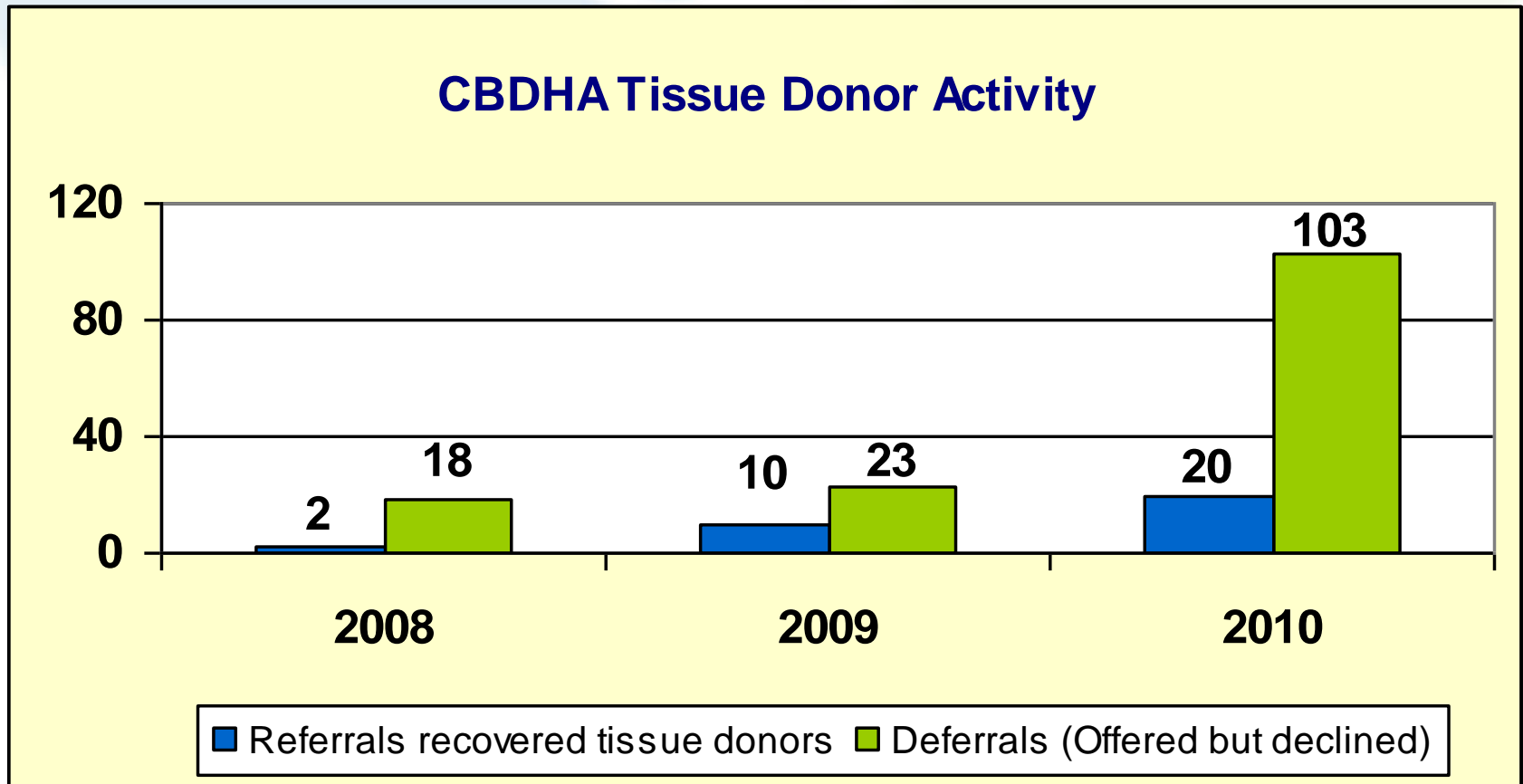
- 2010 5/8 hospitals had actual donors
- 2009 3/8 had actual donors

Potential Organ Donors Comparison

Data To Dec 31, 2010

	2008	2009	2010
Referred organ donors	5	11	12
Family Declined	3	2	1
Missed Referrals	6	1	0
Deferred organ donors	2	5	10
Actual donors	0	3	1

Results – Tissue Donation



Reason for Tissue Deferrals

	Infection	Age	No NOK consent	Disease	Staff Limitations	Other
CBRH	35	6	14	9	2	6
Glace Bay	4	1	5	1	2	1
North Sydney	1	1	3	3	0	0
Cheticamp	0	1	0	0	0	0
Baddeck	1	0	0	1	0	1
Inverness	0	1	1	1	0	1
New Waterford	0	2	0	0	0	1
TOTAL	41	12	23	15	4	10

Total District Deaths Age ≤ 80

SITE	TOTAL EXPIRED PATIENTS
CAPE BRETON REGIONAL HOSPITAL	274
GLACE BAY HEALTHCARE	70
NORTHSIDE GENERAL	47
NEW WATERFORD CONSOLIDATED	14
BUCHANAN MEMORIAL	7
INVERNESS CONSOLIDATED	19
SACRED HEART HOSPITAL	16
VICTORIA COUNTY MEMORIAL HOSPITAL	18
Total	465

Barriers and Challenges

- ❖ Front line staff-attendance, comfort, resistance
- ❖ Communication within departments
- ❖ Physicians
- ❖ Geography
- ❖ Meditech

Lessons Learned

- ❖ Charting PCS and paper
- ❖ Frequently asked questions
- ❖ Morgue
- ❖ Site specific referral info during education

Recommendations - CBDHA

- ❖ Add absolute contraindications to policy
- ❖ Ongoing education district wide
- ❖ Coffee cart education
- ❖ Reporting annual statistics and noncompliance
- ❖ Cardiac arrest form
- ❖ Reporting stats and compliance to CEO and VP
- ❖ Increasing Trained requestors- key areas



One year later...

2011

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Results – Organ Donation to June 2011

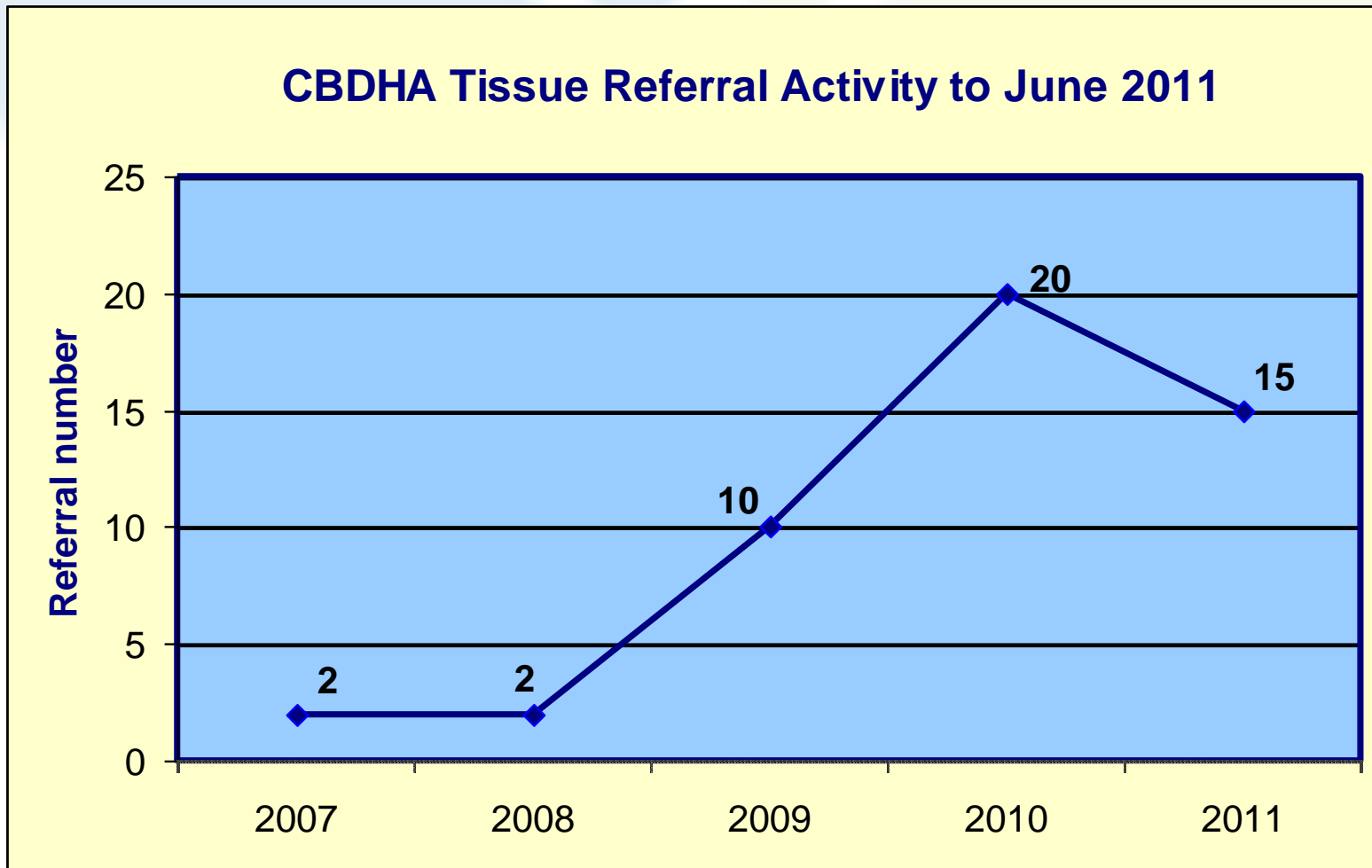
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Organ and Tissue Donation Data to June 2011

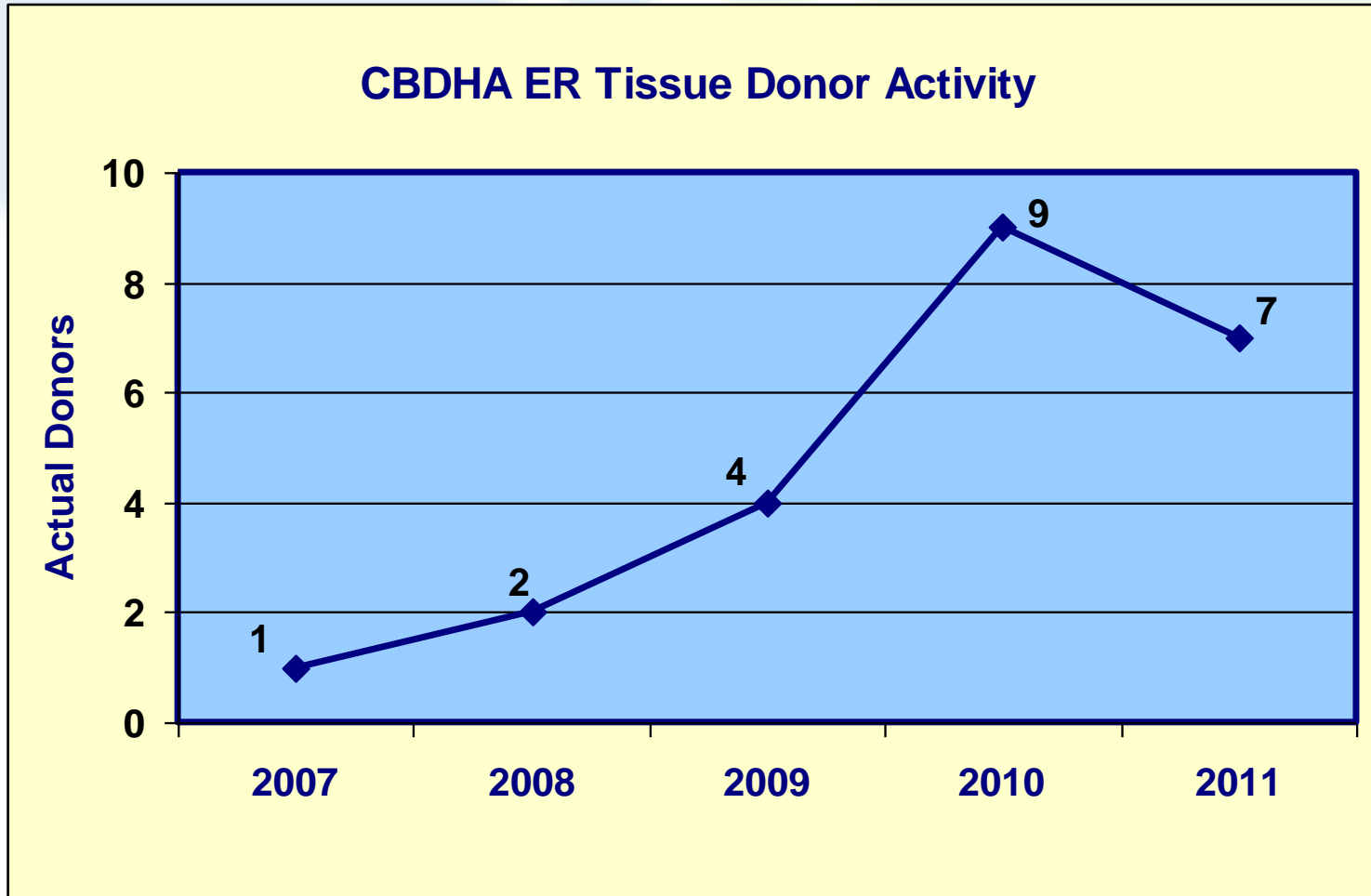
Organ Donation :	2007	2008	2009	2010	2011
Referrals	1	5	10	12	5
Donors	1	0	3	1	1

Tissue Donation :	2007	2008	2009	2010	2011
Referrals	6	18	34	103	60
Donors	2	2	10	20	15

Results – Tissue donation



ER Activity to June 2011



What questions do you have?



The gift of a lifetime

**Choose to donate
Tell your family
Sign your MSI card**

www.legacyoflife.ns.ca

