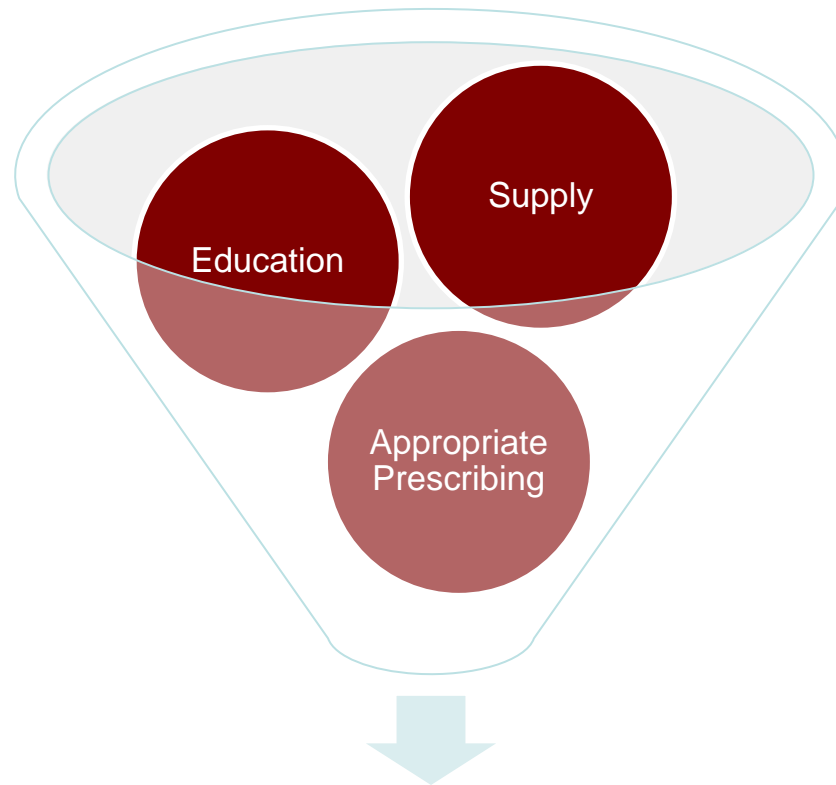


Provincial Plasma Protein Redistribution Program

Tracy Cameron, MLT
Northern and Eastern Ontario
Regional Field Officer

Background:



Accountability/Sustainability



Question 1

- What products do you think cost Ontario the most money?

A. Rhlg

B. IVIG

C. Niastase (FVIIa)

D. PCC's (Beriplex, Octoplex)



Product Cost

- Total Plasma Protein costs for 2011/12 for Ontario was:

\$247,612,086

CBS reported

→ 7.5% growth in IVIG 123g per 100

→ 6.1% growth in Albumin

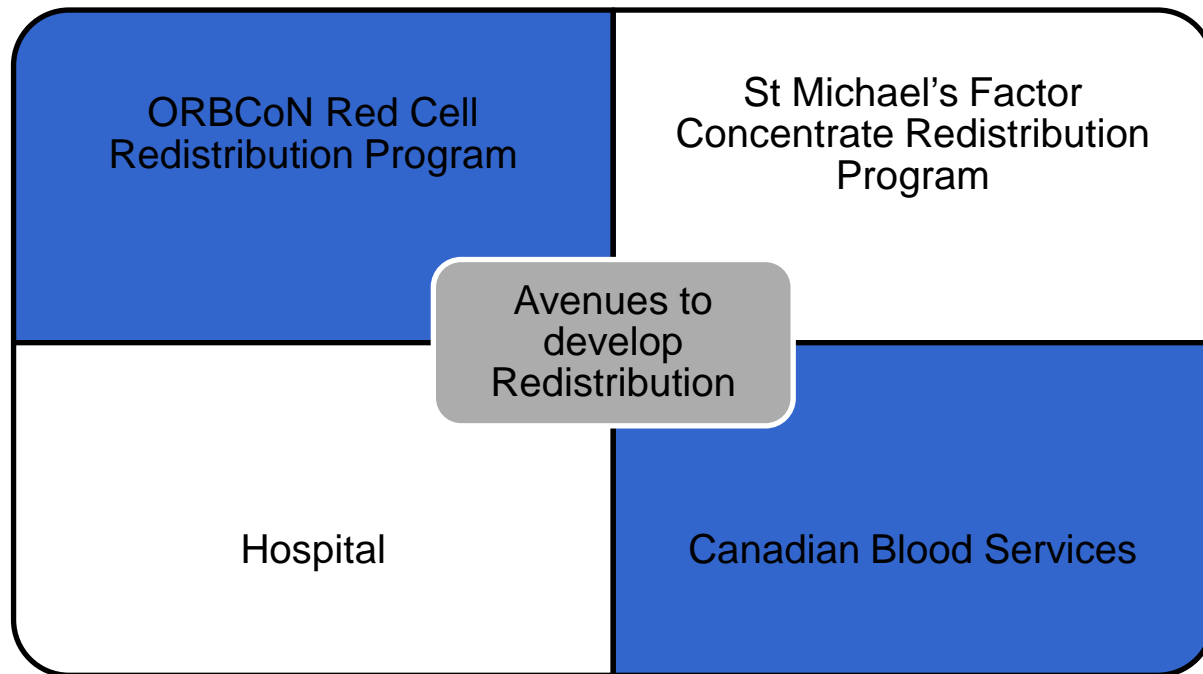
→ 44% increase in FVIIa

→ 13% increase in FEIBA



Proposed Solution

- Review existing redistribution systems in place and work together to come up with a plan



First step: Pilot

- Key Objectives of Pilot Project:
 - ✓ Provide a standardized notification process to hospitals for near to expiring plasma protein products
 - ✓ Provide a standardized logistical system for redistributing plasma protein products
 - ✓ Track redistribution of products within the pilot sites for 6 months and monitor outdates.
- Results: 16 hospitals participated in this pilot
 - 5 out of 7 products most often expiring were redistributed:
 - IVIg 3400g = \$188,000
 - Niastase 165g = \$188,000
 - BeneFix 11,332 I.U = \$9,900
 - Humate P 12,000 I.U = \$6,000
 - WinRho 24,000 I.U = \$1,300
 - 2 products that were not redistributed and expired on site were:
 - VZIG 2125 I.U = **-\$3,180**
 - IMIG 22ml = **-\$320**



**Cost Savings/Loss of Products in EORLA Region
Jan - July 2012**



Process



Sends monthly
expiry list to
ORBCoN

Reviews the
CBS report
and previous
months report
and sends the
Monthly Expiry
Report to
hospitals

Hospitals
review their
inventory and
their
disposition
reports from
previous
month and
report back to
ORBCoN



The Monthly Expiry Report



St. Michael's
Inspired Care.
Inspiring Science.

PLEASE INDICATE IF PRODUCT IS IN INVENTORY THIS MONTH, AND REPORT ANY PRODUCT THAT HAS EXPIRED

CLOTTING FACTOR CONCENTRATES the following Lots will expire in the next 6 months:

Fibrinogen

Product	Lot	Expiry	In Stock	# of Vials in Stock	# of vials
Haemocomplettan P 1g	00489134	19/05/13	Yes <input type="radio"/> No <input type="radio"/>		Broken: Wasted:

FIX

Product	Lot	Expiry	In Stock	# of Vials in Stock	# of vials discarded (expired/broken/wasted)
FIXimmune VH 500iu Baxter	VNC1020	30/06/13	Yes <input type="radio"/> No <input type="radio"/>		Broken: Wasted:

Factor IX

Product	Lot	Expiry	In Stock	# of Vials in Stock	# of vials discarded (expired/broken/wasted)
BeneFIX 500iu	E95521	30/06/13	Yes <input type="radio"/> No <input type="radio"/>		Broken: Wasted:
BeneFIX 2000iu	E24514	30/06/13	Yes <input type="radio"/> No <input type="radio"/>		Broken: Wasted:

Factor VIII

Product	Lot	Expiry	In Stock	# of Vials in Stock	# of vials discarded (expired/broken/wasted)
* Helixate-FS	ANY	ANY	Yes <input type="radio"/> No <input type="radio"/>		Expired: Broken: Wasted:

Plasma Protein Redistribution & Factor Concentrate Redistribution Program
Tracy Cameron
Ph: 613-798-5555 ext. 19741
tcameron@ottawahospital.on.ca



Process cont...



If hospital has plasma protein products other than factor products, ORBCoN will liaise with sending site and receiving site to have product shipped. Shipping costs will be covered by ORBCoN

If hospital has factor concentrate products, St. Michael's hospital will liaise with the sending site to have product shipped. Shipping costs covered by FCRP

Staff prepares the product for shipping as per SOP



Question #2

- Which container is an acceptable means of transporting plasma protein products?
 - A. CBS shipping box
 - B. ORBCoN supplied Golden Hour Box
 - C. Any cardboard box sturdy to ship products
 - D. A or B



Question #2

-
- A
- E
- C
- D



- an
- na
- Go
- st



Logistics

Existing Hospital Couriers

- Where possible, make use of existing courier system in place (usually shipping referred samples to larger hospitals for testing)

External Couriers

- Canpar, Purolator and local couriers used in area

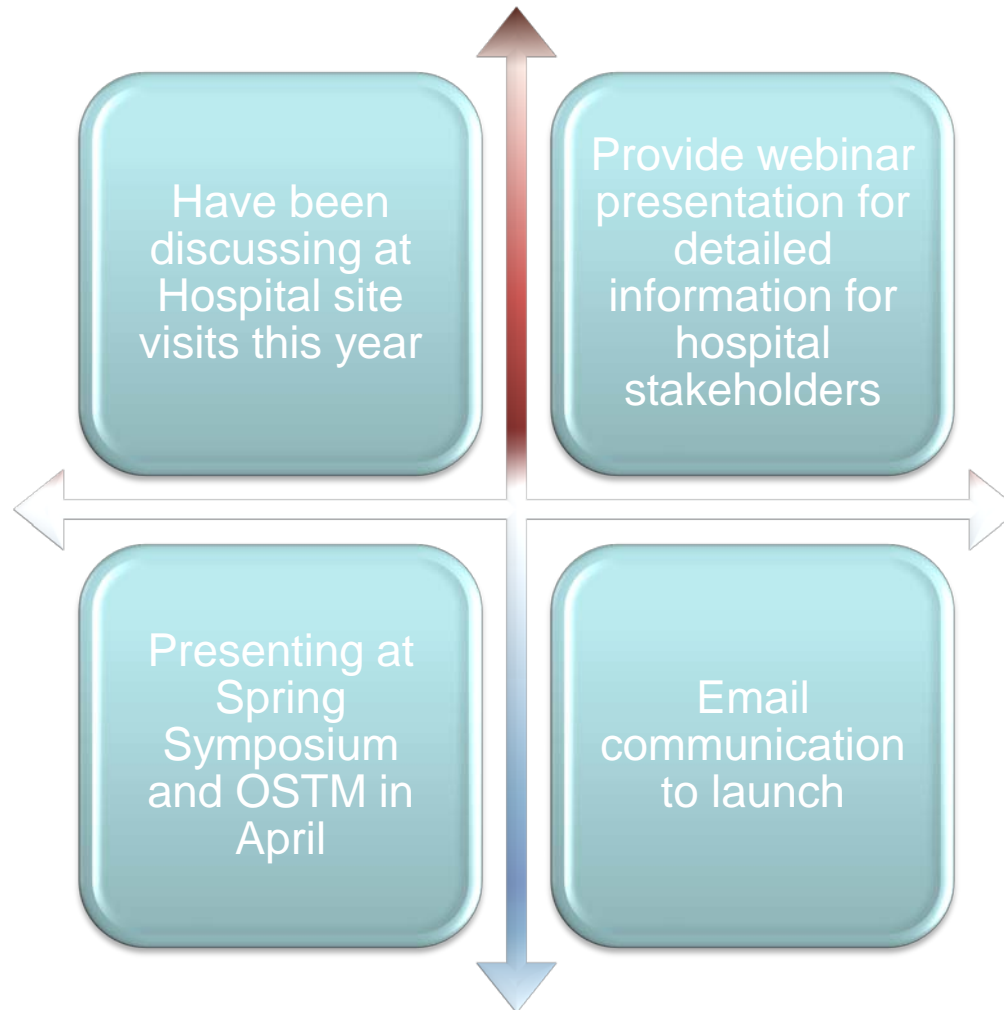


Tracking, Monitoring

- Collect data on product saved, product expired and discarded at hospital
- Collect cost of courier to ship product
- Monitor cost/benefit ratio
- Report semi-annually to BPCO



Communication Plan



Ensure Buy-in?

Memorandum of Understanding

Participating Hospital

ORBCoN



Agreement to Shipping and/or Receiving

Follow process

Verify appropriate storage and transportation procedures



Reporting Monthly Disposition

Report any near to expiring products listed on Expiry Report

Report any products that expired/discarded from previous report



Blood Component/Products Redistribution Program for Ontario Transfusion Services

Memorandum of Understanding

Between

- <ENTER FACILITY NAME OR TRANSFUSION SERVICES>

And

- Ontario Regional Blood Coordinating Network (ORBCoN)

For the Plasma Protein Product (PPP) Redistribution Program

PURPOSE

The purpose of this Agreement is to establish cooperation between hospitals that receive plasma protein product from Canadian Blood Services (CBS) in implementing a redistribution program for plasma protein products nearing expiry, in order to reduce any unnecessary discards of products.

Whereas this agreement is between one participating hospital or corporation, and ORBCoN, inherent into this agreement is cooperation between participating hospitals as explained under Goals and Forms of Cooperation.

GOALS AND FORMS OF COOPERATION

The goals of this agreement are as follows:

- Develop cooperation between facilities and ORBCoN for the purpose of redistribution of Plasma Protein Products nearing their expiry date
- Agree to report near to expiring PPP in inventory and any wastage or discard of PPP to ORBCoN on a monthly basis.
- Redistribute as requested by ORBCoN ensuring acceptable transport conditions (including documentation).

Question#3

Do you think your hospital will be willing to sign a memorandum of understanding as a commitment to the program?

A. Yes

B. No

C. Not sure yet



Where are we in the rollout process?

- ✓ Develop process documents
- ✓ Create webinar presentations by Mar 2013
- ✓ Arrange courier account by Mar 2013
- ✓ Present at Spring workshop Apr 2013
- Roll out provincial PPP redistribution between Apr and Jun 2013



Measurable Goals for 2013/14

- Obtain agreements from 75% of Ontario hospitals that stock PPP
- Facilitate the redistribution of 90% of PPP near to expiry reported by hospitals
- Track savings and costs and report to BPCO
- Cost savings anticipated to be at least \$500K annually (including FCRP)



Thank you!!!

