



BLOOD
PRODUCTS



STABLE
PRODUCTS



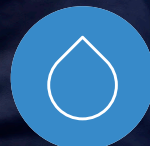
STEM
CELLS



HUMAN
TISSUES



MOTHER'S
MILK



Rosalie makes her first
apheresis plasma donation.

Expert in biological products of human origin



HÉMA-QUÉBEC

MISSION

To efficiently meet the needs of the Québec population for quality blood and other biological products of human origin.

VISION

To become a strategic partner for the Québec health system.

BLOOD AND BIOLOGICAL PRODUCTS OF HUMAN ORIGIN SYSTEM IN QUÉBEC



MINISTER OF HEALTH
AND SOCIAL SERVICES



HEALTH CANADA



BIOVIGILANCE COMMITTEE



HÉMA-QUÉBEC



HOSPITALS



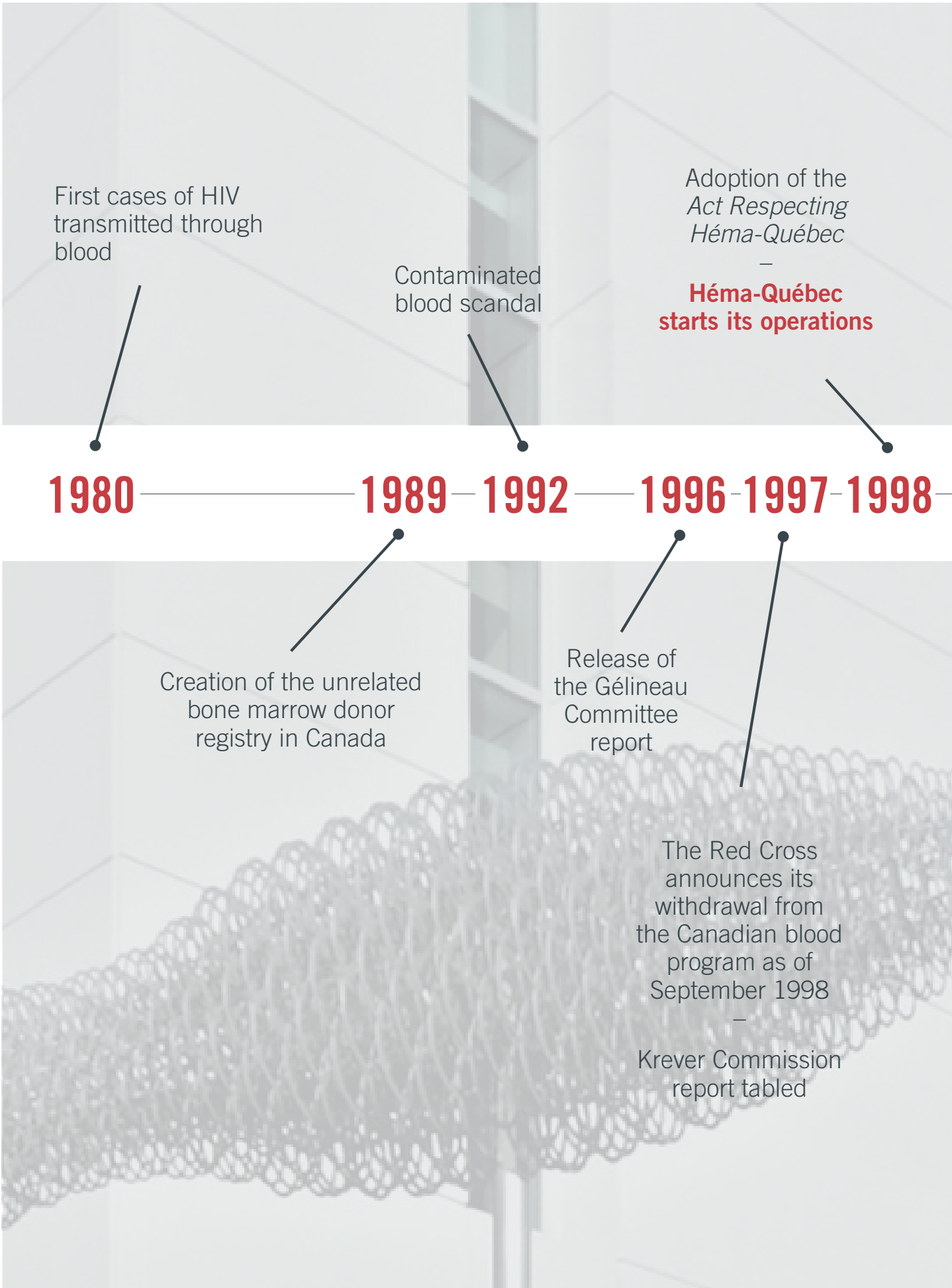
DONORS

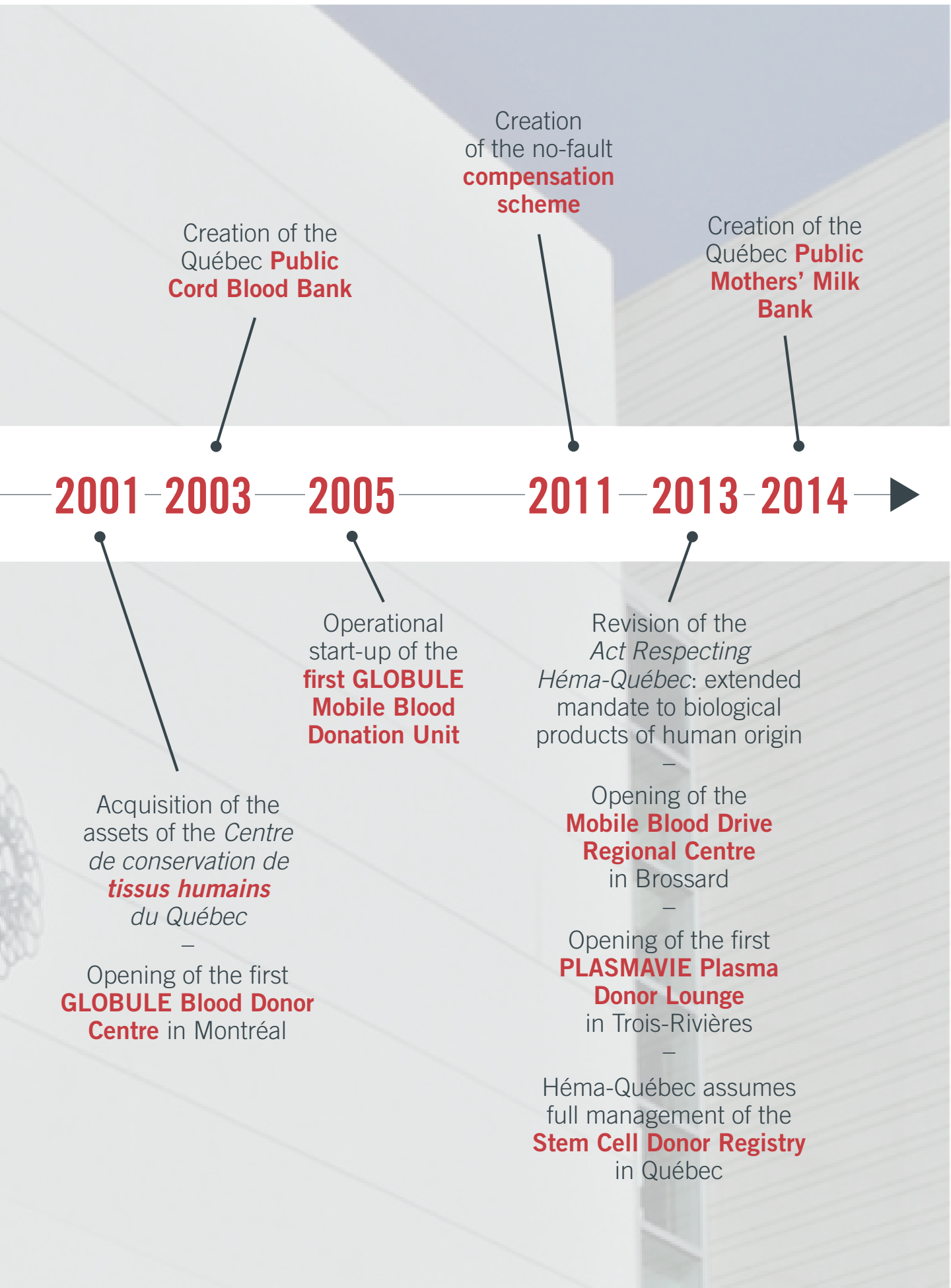


RECIPIENTS



FROM SUPPLIER OF BLOOD PRODUCTS TO EXPERT





HÉMA-QUÉBEC IS...



CLOSE TO
240,000

BLOOD, STEM CELL, MOTHER'S MILK
AND HUMAN TISSUE DONORS



A great team
dedicated to
the gift of life



1,376
EMPLOYEES



THOUSANDS
OF VOLUNTEERS



2016–2017 ANNUAL REVENUE

\$460M

PERMANENT PRESENCE THROUGHOUT QUÉBEC

- Facility
- GLOBULE
- Mobile Blood Drive
Regional Centre
- PLASMAVIE
- PLASMAVIE-GLOBULE





 **C0003 11 697717** 3 6200
Héma - Québec
4045 Côte Vertu, St-Laurent, Qc, H4R 2W7
Licence d'établissement / Establishment license no 100662
Ce produit peut transmettre des agents infectieux. Voir la notice
d'accompagnement pour les indications, contre-indications,
mise en garde et méthodes de perfusion. This product may
transmit infectious agents. See circular of information for
indications, contraindications, cautions and methods of infusion.

Prelevé le /
Collected on **01 Avr 2015 15:44**
0110911544

A
Rh POSITIF

Culot globulaire SAGM
SAGM RED BLOOD CELLS
partiellement déleucocyté
leukocytes reduced

Volume: 306 mL
Del/From 450 mL ST/WB
Anticoagulant: CPD
Conserver à/Store at 1-6°C

0111332359
13 Mai 2015 23:59
99999999999999999999

0011S51007

C0003 11 697717 3

COLLECTIVE BLOOD SUPPLY



316,498

BLOOD PRODUCTS DELIVERED



164,178

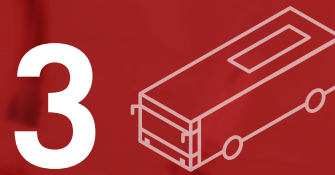
DONORS PER YEAR
generated over **268,222**
visits to collection sites



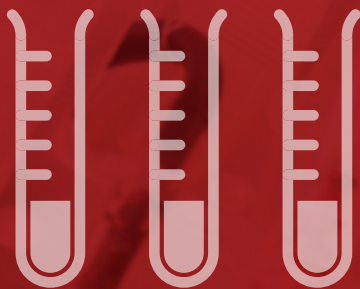
GLOBULE
Blood Donor
Centres



PLASMAVIE
Plasma Donor Lounges
(2 of which include
a GLOBULE space)



MOBILE
Blood Donation Units

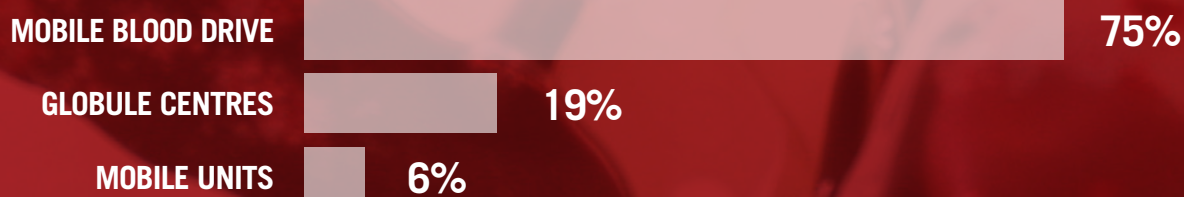


**MILLIONS
OF TESTS
PERFORMED**
to ensure
safety

2,391

MOBILE BLOOD DRIVES
organized each year
(including blood drives in mobile units)

COLLECTION METHODS



BLOOD PRODUCTS

IMPROVING SELF-SUFFICIENCY IN PLASMA INTENDED FOR FRACTIONATION

Privigen is made partially
from Québec plasma.

SELF-SUFFICIENCY RATE

IN IMMUNOGLOBULIN

OF **21%**
IN 2016–2017



95,881

LITRES OF PLASMA
sent for fractionation

NETWORK

DONOR CENTRES DEDICATED TO THE DONATION OF PLASMA FOR FRACTIONATION

- PLASMAVIE Trois-Rivières (November 2013)
- PLASMAVIE-GLOBULE Saguenay (July 2015)
- GLOBULE Québec (November 2015)
- PLASMAVIE Sherbrooke (January 2016)
- PLASMAVIE-GLOBULE Gatineau (March 2016)

MEDICATIONS MANUFACTURED FROM PLASMA



405,801

STABLE PRODUCTS
delivered in 2016–2017

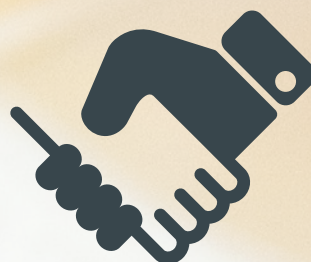


**EXCLUSIVE
DISTRIBUTION**
for
Québec

Some **50**
**DIFFERENT STABLE
PRODUCTS DISTRIBUTED**



MANUFACTURED
from plasma collected
by Héma-Québec



**PRODUCTS
MANUFACTURED BY
PHARMACEUTICAL
COMPANIES**
under agreement
with Héma-Québec

MAIN PROTEINS FROM PLASMA



- Albumine
- Immunoglobulin
- Coagulation factor
- Other stable products
(ex. fibrin sealant, C1 esterase inhibitor)



STABLE PRODUCTS

STEM CELL DONOR REGISTRY

60,243

registered donors
in Québecto meet the needs of
patients requiring a stem
cell transplantHéma-Québec is a part
of a global network that includes30 MILLION
DONORS

PLEASE READ THE FOLLOWING INSTRUCTIONS CAREFULLY BEFORE PERFORMING THE BUCCAL SWAB.

STEP

INSTRUCTIONS

1

You will find below four cotton swabs and four identification labels.
Write the collection date (dd/mm/yyyy), your name and your date of birth on each label.

2

As illustrated here, apply an identification label to **each of the cotton swabs**,
around the plastic protector that covers the cotton tip.

3



Prepare to use the cotton swabs, one at a time, as follows:

- One for the upper right cheek
- One for the lower right cheek
- One for the upper left cheek
- One for the lower left cheek

4

Here are the steps to be repeated for each cotton swab:

- A** Take a swab and open the protective plastic cap. Push the swab gently toward the top so that the cotton tip is exposed. **Take care not to touch any other surface with the swab.**
- B** Rub the inside of your cheek with the cotton tip for 20 to 30 seconds. Use the same amount of pressure as when brushing your teeth.
- C** When done, carefully place the cotton swab inside the plastic protector. Close the cap tightly.
- D** Insert each cotton swab in the foam insert below.



5

Indicate the collection date here: _____ Collection date: DD / MM / YYYY

6

Verify your personal information below (last name, first name and date of birth) and correct it if necessary.

7

Close this cardboard containing the four cotton swabs. Insert it in the prepaid return envelope. Seal the envelope well and mail it to Héma-Québec as soon as possible.

THE REGISTRY OF LIFE

"My name is Priscille. I received a bone marrow transplant and several blood transfusions that completely changed my life. Thanks for helping to save lives!"



FOR FURTHER INFORMATION
1-800-565-6635, ext. 5279
www.hema-quebec.qc.ca



PUBLIC CORD BLOOD BANK

Internationally
recognized
expertise

53
Canada
25
United States

8
England

7
France

2
Italy

2
Turkey

1
Israel

16
Netherlands

1
Argentina

2
Australia

FIRST AND
LARGEST
BANK
IN CANADA

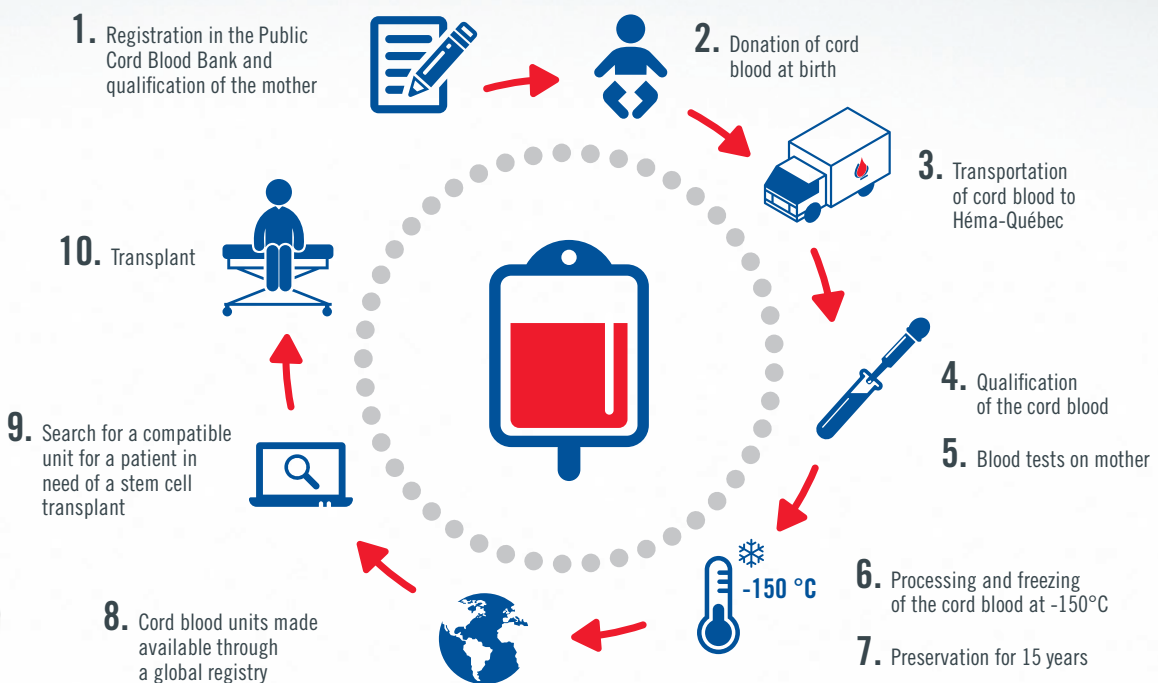
8 PARTNER
HOSPITALS

10,594
UNITS BANKED

117 UNITS
DISTRIBUTED
THROUGHOUT THE
WORLD SINCE 2008

10
UNITS DISTRIBUTED
IN 2016-2017

Cord blood donation step by step



Marie-Claude, donor

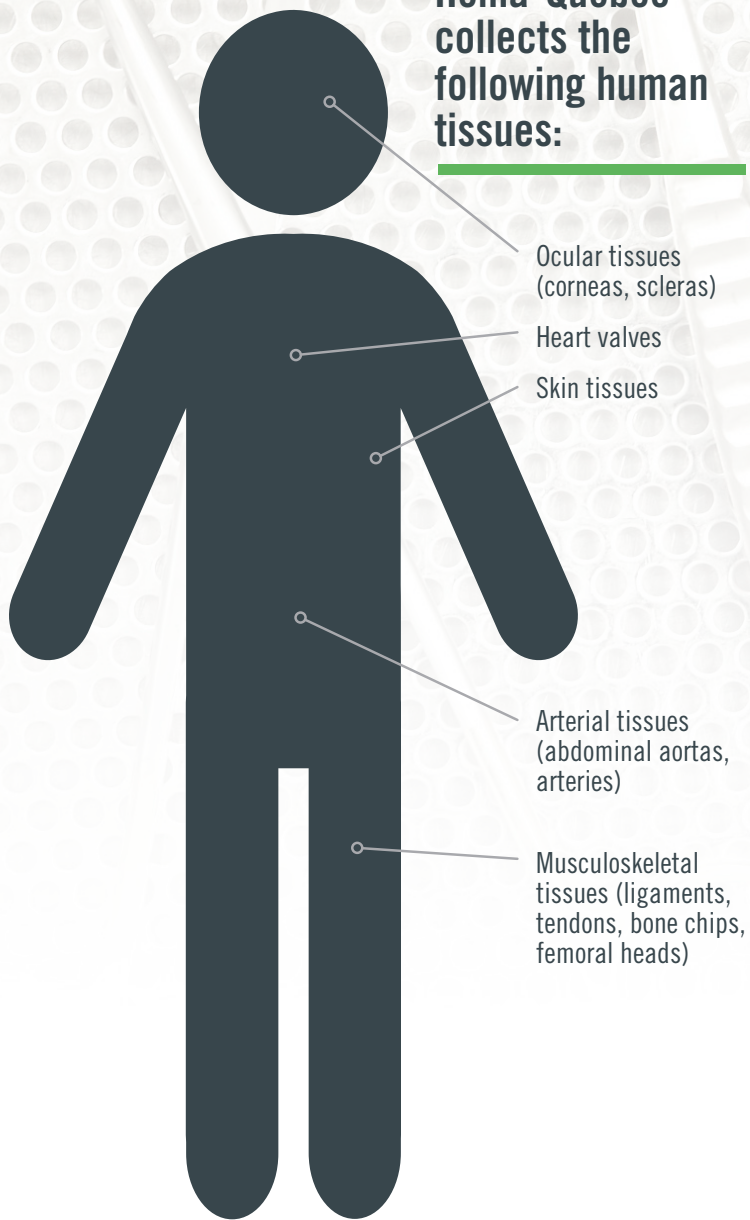
STEM CELLS

A cornea in its
protective packaging.



LARGEST HUMAN TISSUE BANK IN CANADA

Héma-Québec
collects the
following human
tissues:



IN 2016–2017

4,782

TISSUES
DISTRIBUTED
TO HOSPITALS



880

DONORS
in Québec



REDUCTION

IN THE WAIT TIME
for a corneal transplant

2011 2017
5 years > 3 months

Decrease of

69%

IN THE NUMBER
OF PATIENTS

waiting for a corneal
transplant

FEBRUARY 2011 MARCH 2017
704 patients > 218 patients

HUMAN TISSUES



Labelling of a bottle
of mother's milk.



PUBLIC MOTHERS' MILK BANK

IN OPERATION
SINCE
APRIL 30, 2014

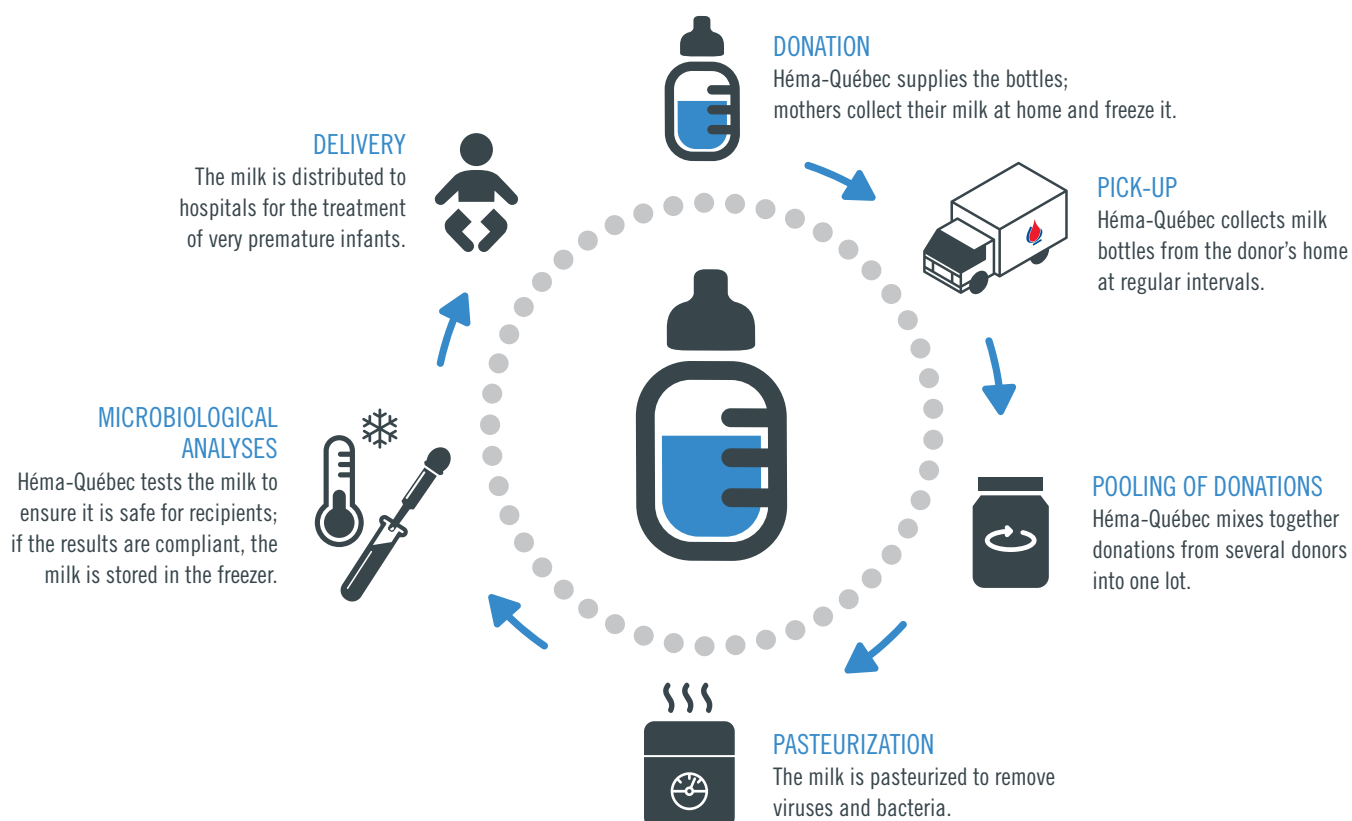
FOR VERY
PRETERM
INFANTS

IN 2016–2017


9,865
BOTTLES DISTRIBUTED


695
REGISTERED DONORS

From donation to distribution



MOTHER'S MILK

SPECIALIZED SERVICES FOR HOSPITALS

Reference and stem cell laboratories

Complex cases
in erythrocyte
immunology

1,558
ANALYSES
(patients cases)

Erythrocyte
genotyping
of blood groups

1,990
ANALYSES
(patients cases
and donors)

Rare blood
bank

1,421
PRODUCTS
BANKED

CHALLENGE OF DIVERSITY

The blood supply and the Stem Cell Donor Registry have to be representative of the make-up of Canada's population.

The treatment of certain hereditary blood disorders and stem cell grafts require that the donor and recipient share a similar genetic make-up.

Héma-Québec works closely with cultural communities to raise awareness about blood and stem cell donations.

Andy,
donor

Priscille,
recipient

11%

of blood donors
are of non-Caucasian
origin

This proportion is 13%
in the Québec population.

RISK MANAGEMENT: A CONSTANT CONCERN



15

PATHOGENS

ARE BEING MONITORED:
bacteria, viruses or parasites that
can be transmitted through blood



PREVENTION: AN IMPORTANT ASPECT OF SAFETY



SAFETY ADVISORY COMITTEE

This committee encompasses international experts and Canadian Blood Services representative. It monitors all existing and emerging pathogens and makes recommendations to the Board.

Donations confirmed positive according to the markers

	2012–2013	2013–2014	2014–2015	2015–2016	2016–2017
Human immunodeficiency virus (HIV)	1	0	1	0	0
Hepatitis C virus (HCV)	7	22	12	9	13
Hepatitis B virus (HBV)	20	16	14	5	10
Human T-cell lymphotropic virus (HTLV)	7	0	1	2	1
Syphilis	24	23	17	8	17
Total number of donations	290,787	277,956	276,473	276,956	305,201

ACCREDITATIONS

HEALTH CANADA

AATB

American Association
of Tissue Banks
—
HUMAN TISSUES

ISO 13485

Quality management
systems providing a framework
for the manufacturing of aortic
and pulmonary heart valve
allografts
—
HUMAN TISSUES

ISO 15189

Medical biology
laboratories and erythrocyte,
platelet and HLA analysis
laboratories
—
BLOOD, STEM
CELLS

ASHI

American Society for
Histocompatibility
and Immunogenetics
(HLA analysis laboratory)
—
BLOOD, STEM
CELLS

NetCord-FACT

International Standards for
Cord Blood Collection,
Banking and Release
for Administration
—
CORD BLOOD

WMDA

World Marrow
Donor Association
—
STEM CELLS

Héma-Québec makes every effort
to provide the Québec population with
biological products of human origin
that are safe and of optimal-quality.

How does Héma-Québec intend to become a strategic partner of the Québec health system?

6 STRATEGIC ORIENTATIONS

1

By comparing its practices with those of the leaders in its field, and taking the necessary steps to achieve its objectives for the benefit of its partners, and assuming its responsibility for the results

2

By keeping up with the latest developments in human biological products and being proactive so that the healthcare network can benefit from this expertise

3

By managing risks in an integrated manner at all levels of the organization in accordance with best practices

4

By modernizing and streamlining its processes in order to be more effective

5

By taking advantage of digital technology to improve its communication with its partners

6

By developing the skills of its employees and mobilizing them by implementing a talent and succession management program



**I GIVE
I RECEIVE**



GIVE BLOOD. GIVE LIFE.



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HÉMA-QUÉBEC

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