

Orientation Session

2018 Ontario Blood Shortage Simulation Exercise

May 2018

Objectives of this Presentation

- To help hospitals understand their role in the 2018 provincial blood shortage mock exercise
- To provide an overview of the following:
 - Purpose of the exercise
 - Overview of the exercise
 - Expectations of participants
 - Goals and Limitations

Purpose

To test the following aspects of the Ontario Plan Version 3

- 1) Notification process for a provincial blood shortage
- 2) Activation of each hospital's emergency blood management plan (HEBMP) including internal notification and simulate triage of blood orders
- 3) Inventory status reporting by Canadian Blood Services (CBS) to the Ontario Emergency Blood Management Committee (OEBMC)
- 4) Communication within MOHLTC including use of the Emergency Management Communication Tool (EMCT)

Note: This exercise will NOT be testing the Emergency Framework for Rationing Blood

Overview

- **WHEN?** During the week of May 14th 2018
- **FOR HOW LONG?** Approximately 30 hours
- **WHO SHOULD PARTICIPATE?** All Ontario hospitals with a transfusion service
- **OTHER KEY PLAYERS:**
 - Canadian Blood Services
 - MOHLTC Provincial Agencies Trillium Gift of Life, Blood and Specialized Programs Office (PATB)
 - MOHLTC Health System Emergency Management Branch (EMB)
 - Ontario Emergency Blood Management Committee

Overview cont'd

- Hospital CEOs and LHIN CEOs will have received advance notice from PATB that the exercise will be taking place
- Transfusion Medicine Laboratory (TML) personnel should have received a communication via e-mail informing them of the exercise and these presentations
- Hospital users of the Emergency Management Communication Tool (EMCT) will have received prior notification

Overview cont'd

- Transfusion Medicine contacts will be notified by CBS; and the senior administration and medical staff should be notified of the exercise through your internal communication process
- All notifications for the exercise should have the heading: 'SIMULATION'
- Exercise is intended to be paper based and should not impact patient care, e.g. no adjustment to scheduled surgeries, no actual movement of blood products between hospitals

Who should be involved at your hospital?

- Transfusion Medicine Laboratory staff and Transfusion Medicine Medical Director
- Members of the local hospital emergency blood management committee (HEBMC)
- CEO and Medical Advisory Committee
- Others as determined within your plan

Participant Expectations

- ***Prior to the exercise.***
 - Review the Ontario Plan Version 3 and Toolkit and ensure that your hospital emergency blood management plan is current
 - Connect with Emergency Management Communication Tool users at your hospital (contact information will be provided)

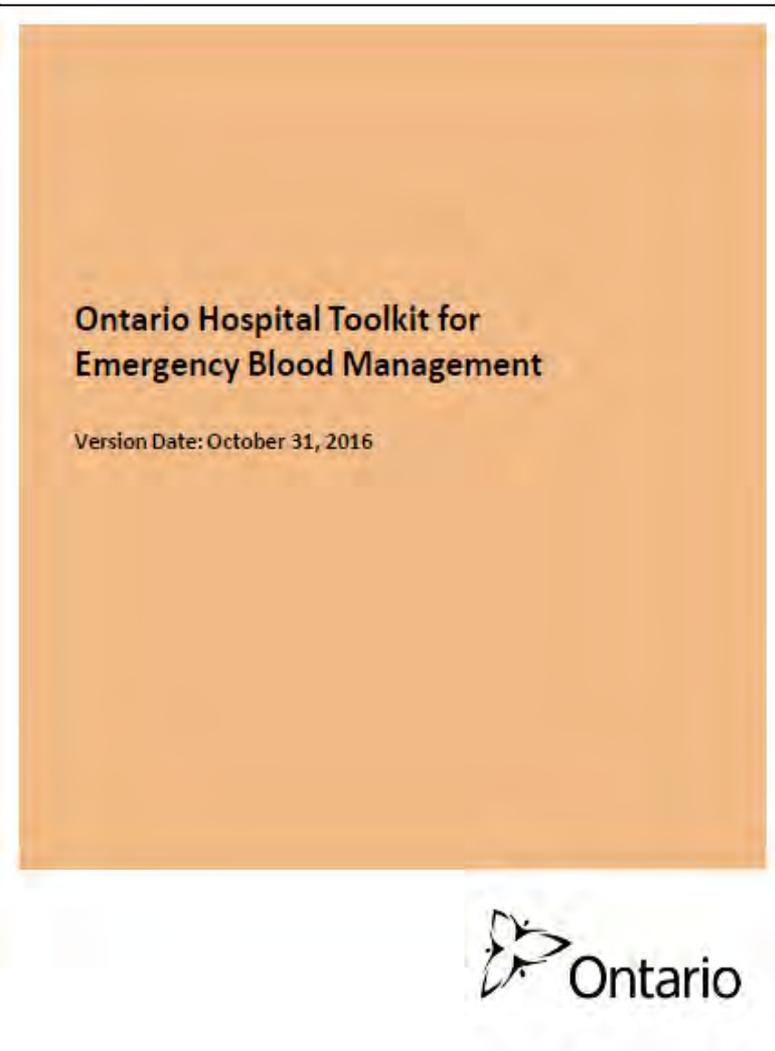
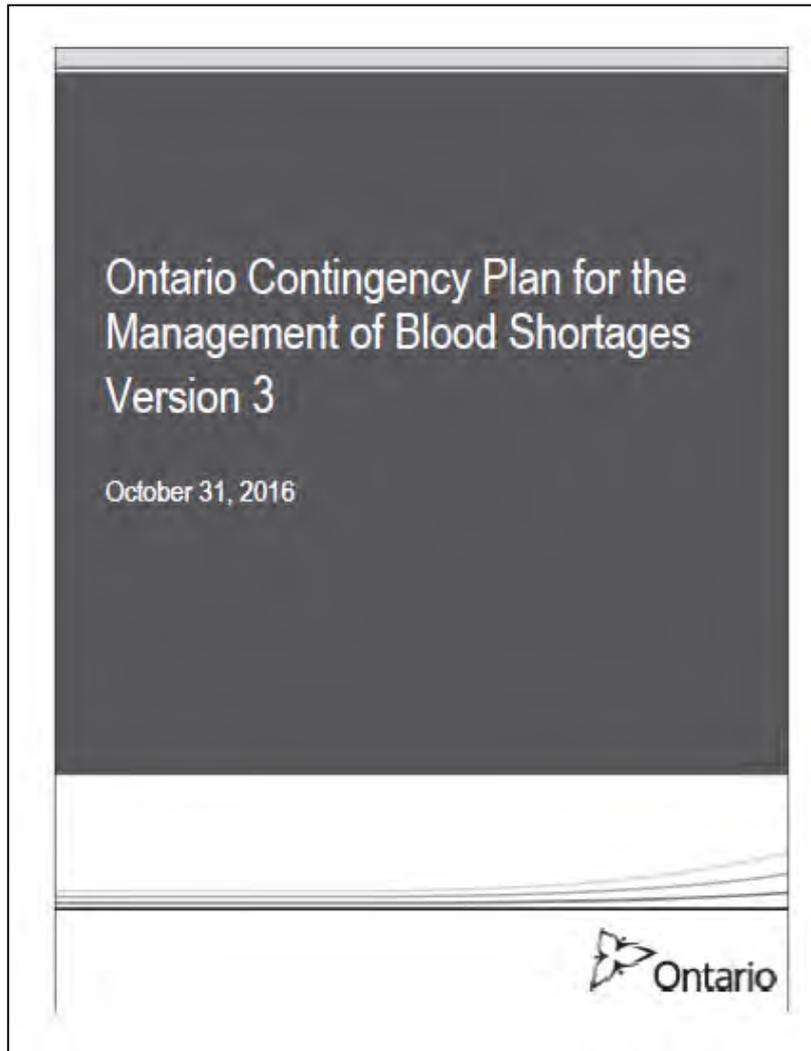
Participant Expectations

- ***During the exercise:***
 - Initiate the Hospital Plan e.g. hold hospital emergency blood management committee meetings, triage blood orders (simulated), document any deferral or cancellation decisions and any other decisions that your hospital would have made if it was a real situation
 - Participate in CBS teleconferences as scheduled, review communications issued by CBS, report inventory as requested

Participant Expectations

- ***After the exercise:***
 - Complete and submit the post-exercise survey
 - Conduct local debrief with HEBMC and/or Transfusion Committee (as per your plan)

Ontario Plan Version 3 and Toolkit



Changes in Version 3 of Ontario Plan

- Added statement that a shortage can occur regionally or provincially initially
- Reinforced the importance of redistribution to ensure no product is wasted during a shortage (included use of the Ontario Regional Blood Coordinating Network (ORBCoN) Platelet Web App)
- Introduced use of CBS Hospital Inventory Index and importance of reporting inventory to CBS
- More detail provided on triage teams
- Added use of EMCT for communication between MOHLTC and hospitals

Changes to Version 3 continued...

- Appendices added:
- Emergency Framework Synopsis for Triage teams (to be used as recommended by the National Emergency Blood Management Committee during a Red Phase shortage)
- Guidelines for use of RBC and platelets during a blood shortage (taken from the National Plan)

What is EMCT?

- EMCT = Emergency Management Communication Tool
 - Initially rolled out to 2015 Pan-Am and Parapan Am Games footprint; subsequently rolled out across ON
 - Web-based platform accessed by the ministry, all LHINs, nearly all hospitals, public health units & paramedic serv.
 - Text-based messages, map-based info, images & doc.
 - Incident Management System (IMS)-based, without knowing specific individuals' email at each organization
 - No Patient Health Information (PHI) allowed on system, therefore not used for clinical discussions

EMCT cont'd

- System facilitates multi-organization updates & discussions
- CBS has access, with pending ability to directly contribute information
- All users are health system personnel, no public access to the system or its info.
- Transfusion staff do not currently have access
- Will need to connect with emergency planners or others within each hospital who are already trained users with access
- Current users in hospitals will be notified of the exercise & will be expected to have contact with/from transfusion personnel prior to the exercise
- Any updates or changes to the EMCT user list can be sent to EMCT@LHINS.on.ca

Learn more about EMCT

To watch this 9 minute video, copy and paste the link below into your internet browser:

bit.ly/EMCToverview

Goals

- To determine if gaps identified in the 2014 exercise have been addressed
- To identify gaps or opportunities for improvement at the hospital, blood supplier and ministry
- To highlight what went well

Limitations

- This exercise will NOT test the communication to patients or to the public
- CBS will NOT test use of the Hospital Inventory Index (HII) to fill blood order requests during this exercise
- This exercise is a simulation therefore some details of the situation may not appear to be realistic

Resources

- Use this link to download the Ontario Plan version 3 from the Ontario MOHLTC Website

http://health.gov.on.ca/en/pro/programs/emb/plan_blood_shortages/docs/2_1_onplan3_Plan_2016-12-21en.pdf

- Access the Hospital Toolkit for Emergency Blood Management using this link

http://transfusionontario.org/en/documents/?cat=emergency_blood

Additional Resources

- The following related documents may be found at:

<http://www.nacblood.ca/resources/shortages-plan/index.html>

- National Plan for the Management of Shortages of Labile Blood Components
- Emergency Framework for massively bleeding patients during a red phase blood shortage
- Synopsis for Triage Team

Questions?

If you have a question you can contact:

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