



URGENT: IMMEDIATE ACTION REQUIRED

To: ALL HOSPITAL SITES
From: National Emergency Blood Management Committee*
Subject: GREEN PHASE ADVISORY

National Inventory Advisory

Date and time of issue	2021-07-13 0600 (EST)
Inventory Availability Phase	GREEN PHASE ADVISORY
Product(s)	O negative red blood cells
Description	<p>This is a notice of continuation of the Green Phase Advisory for O negative red blood cells declared July 7, 2021.</p> <p>For an 8-week period the demand for O negative red blood cells has been higher than pre-pandemic demand levels. Further, for a two-week period, Canadian Blood Services' whole blood collections were below target levels with an increase in appointment cancellations, donor deferrals and no-shows. This period of increased demand and lower than expected collections has resulted in an O negative red blood cell inventory held at Canadian Blood Services that is below an optimal position.</p> <p>The most recent data shows early signs of improvement in the O negative RBC inventory position at Canadian Blood Services. This is the result of successfully increased collections and a slight decrease in demand. The inventory position at reporting hospitals remains strong. However, considerable inventory and supply risks persist in the short-term horizon (next 2-3 weeks), and demand uncertainty as health systems anticipate an increase in traumas with the easing of COVID-19 restrictions and continued ramp-up surgical activity in hospitals. A Green Phase Advisory for O negative red blood cells will remain in place until national O negative red blood cells inventory returns to an optimal range.</p>
Impact on hospitals	<p>Action Required:</p> <p>Provincial Emergency Blood Management Committees (PEBMC) are encouraged to review inventory indices (II) and Average Daily Red Cell Demand (ADRD) to help inform where there may be opportunities to decrease target inventories. Until those indices can be better understood and Canadian Blood Services O negative red cell inventories recover, provinces are being asked to closely monitor and reduce their target inventory of O negative red blood cells by at least 10%, where possible. It is recognized that not all hospitals will be able to reduce inventories due to local circumstances such as size, proximity, programs and previous action taken to reduce inventory. The PEBMC, including their Canadian Blood Services representatives, should work with their hospitals to determine how this inventory cut should be applied.</p>

	<p>Hospitals are asked to continue to ensure the utilization of O negative red blood cells continue to follow best practice at all times: Utilization and inventory management of Grp O RH(D)-negative red cells.</p> <p>There is continued need for qualitative and quantitative demand intelligence from provinces and hospitals to inform supply planning at Canadian Blood Services. Hospitals are asked to inform their local Hospital Liaison Specialist and/or local representative at the National/Provincial Emergency Blood Management Committees of this information, especially changes in utilization of O negative red blood cells at their site.</p> <p>Given the potential for rapid changes in collections and inventory levels, ongoing monitoring of national blood supply is critical. All hospitals must continue to provide inventory levels for O negative red blood cells by 1200 noon EST each day, until further notice. Hospital inventory is to be reported via the Hospital Portal system: Hospital Portal Login (b2clogin.com) or in accordance with usual provincial practices (British Columbia and Manitoba).</p>
<p>For more information</p>	<p>For additional info, contact:</p> <ol style="list-style-type: none"> 1. Your Hospital Liaison Specialist, Canadian Blood Services 2. Your representative to the Provincial Emergency Blood Management Committee 3. Your representative to your Hospital Emergency Blood Management Committee

*The National Emergency Blood Management Committee is comprised of the National Advisory Committee on Blood and Blood Products, Provincial Territorial Blood Liaison representatives and key Canadian Blood Services personnel. This group will develop recommendations and provide advice to the P/T Ministries of Health, hospitals and regional health authorities, and Canadian Blood Services to support a consistent and coordinated response to critical blood shortages in Canada.

For information about the National Blood Shortages Plan, please see: <http://www.nacblood.ca/resources/shortages-plan/index.html>

If you require this advisory in an accessible format, please contact your local Canadian Blood Services Hospital Liaison Specialist.