



URGENT: IMMEDIATE ACTION REQUIRED

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

National Inventory Advisory

Date and time of issue	2023-08-02 6:00am (EST)
Inventory Availability Phase	Continuation of GREEN PHASE ADVISORY
Product(s)	O red blood cells (Rh positive and negative)
Description	<p>The Green Phase Advisory remains in effect for group O red blood cells (Rh positive and negative).</p> <p>At the start of this week on July 31, Canadian Blood Services' inventory for O-negative was 4.4 days on hand (DOH) and O-positive was 3.8 DOH (including specifically phenotyped units for sickle cell disease patients). Hospital reporting continues to indicate healthy hospital inventories.</p> <p>In advance of the upcoming long weekend, it is important to continue to monitor inventory levels at Canadian Blood Services and hospitals collectively until inventories are within an optimal range. The NEBMC acknowledges and appreciates the extra effort and diligence of hospitals to fulfill inventory reporting requirements. These comprehensive data are reviewed each day and help inform decision making at the national level.</p>
Impact on hospitals	<p>Action Required:</p> <p>Canadian Blood Services' Shipment Index provides one mechanism for the NEBMC to compare aggregate inventory levels between provinces. The Shipment Index serves as a surrogate marker for DOH. DOH in the setting of the hospital inventory is reflective of the number of days, based on average daily red cell demand, that it will take to hit zero inventory if no units are available to be provided by the blood supplier. Shipment Index information is being provided by Canadian Blood Services to representatives of each Provincial Emergency Blood Management Committee (PEBMC).</p> <p>In cases where a significant portion of orders have consistently been reduced week over week within a province for the duration of the current advisory period, a discrepancy between the Shipment Index and the Inventory Index may develop. In these cases, and where there is 100 per cent reporting compliance, the Inventory Index may be used for provincial inventory management.</p>

	<p>The NEBMC recommends the Shipment Index for group O red blood cells be reduced to levels noted below, which has already begun in jurisdictions across Canada. These recommended targets apply to provinces only (excludes territories) and will be used by PEBMCs to determine how hospital inventory will be allocated within their jurisdictions, to avoid indiscriminate cuts to inventory. Opportunities to proactively minimize O-negative stocking in particular; and to switch to Rh-positive and group-specific blood as soon as possible are considered best practice.</p> <p><u>Provincial Target Shipment Index During Green Phase Advisory</u></p> <ul style="list-style-type: none"> • O-negative: 15 • O-positive: 10 <p>If a hospital is not aware of how provincial targets will impact their hospital inventories or what steps to take, they are asked to connect with their PEBMC, their Hospital Emergency Blood Management Committee or their Hospital Liaison Specialist. These targets are not expected to impact the provision of blood for clinical care, but should such instances occur they are to be reported to the PEBMC to bring to the NEBMC's attention.</p> <p>It is recognized that not all hospitals within a province will be able to reduce inventories due to local circumstances such as size, proximity, programs, and previous action taken to reduce inventory but confirmation with the PEBMC of these plans is recommended.</p> <p>All hospitals are asked to provide inventory levels for group O red blood cells by 12:00 noon EST each day until further notice. In the absence of reporting during these inventory challenges, cuts to inventory requests may be made inequitably.</p> <p>Hospital inventory is to be reported via the following link: https://myhospital.blood.ca/, 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 representative to the Provincial Emergency Blood Management Committee 2. Your representative to your Hospital Emergency Blood Management Committee 3. Your Hospital Liaison Specialist, Canadian Blood Services

*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.