



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	2023-07-12 6:00am (EST)
Inventory Availability Phase	Continuation of GREEN PHASE ADVISORY
Product(s)	O red blood cells (Rh positive and negative) and B-negative red blood cells
Description	<p>The Green Phase Advisory remains in effect for group O red blood cells (Rh positive and negative) and now includes B-negative red blood cells.</p> <p>On July 11, 2023, Canadian Blood Services' inventory for O-negative opened at 2.5 days on hand (DOH), O-positive opened at 3.5 DOH and B-negative opened at 2.9 DOH (including specifically phenotyped units for sickle cell disease patients). Inventory for O-negative in particular has remained precarious since the introduction of the Green Phase Advisory. Work to increase collections continues including elevated summer need messaging to the public and augmented collection opportunities.</p> <p>Isolated order cuts have occurred with likely potential for delays or cuts to O- and B- this week. O-negative substitutions to support sickle cell phenotype orders are expected.</p> <p>The latest hospital inventory reporting suggests healthy inventory in the system and indicates that order volumes have decreased to levels from prior to the days leading up to the long weekend when hospitals appropriately stocked up.</p>
Impact on hospitals	<p>Action Required: Canadian Blood Services' Shipment Index provides one mechanism for the NEBMC to compare the volume of orders between provinces. It is calculated by taking the total inventory and dividing it by average daily shipments to hospitals.</p> <p>Given available data, the NEBMC recommends the Shipment Index for O-positive, O-negative and B-negative be reduced to levels noted below. These targets apply to provinces only (excludes territories) and will be used by Provincial Emergency Blood Management Committees (PEBMCs) to determine how hospital inventory will be allocated within their jurisdictions, to avoid indiscriminate cuts to inventory.</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 • B-negative: 12-13

	<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 Liaison Specialist or their Hospital Emergency Blood Management Committee. 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>Comprehensive data on hospital inventory levels remains important. This will better inform fair and appropriate responses to aid a return to a green phase. <u>All hospitals are asked to provide inventory levels for O red blood cells by 12:00 noon EST each day until further notice.</u> In the absence of reporting during these inventory challenges, Canadian Blood Services and jurisdictions will not have an optimally informed approach to inventory management and 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>
For more information	<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.