



**URGENT: IMMEDIATE ACTION REQUIRED**

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

**National Inventory Advisory**

<b>Date and time of issue</b>	2022-05-19 0600 (EST)
<b>Inventory Availability Phase</b>	<b>Continuation of GREEN PHASE ADVISORY</b>
<b>Product(s)</b>	<b>O negative and B negative red blood cells</b>
<b>Description</b>	<p>Inventory levels for all red blood cell blood groups continue to be monitored closely.</p> <p>Canadian Blood Services is continuing to experience decreased blood collections performance (due to appointment cancellations, donor deferrals due to travel and no-shows). This is specifically impacting O negative and B negative inventory levels. This situation is starting to improve, however; the pace of recovery is forecasted to be gradual.</p> <p>Given the inventory trend forecasted over the next 2-4 weeks, it is important to monitor inventory levels at Canadian Blood Service and hospitals collectively. <b>The Green Phase Advisory will remain in effect over the upcoming holiday long weekend and until further notice.</b></p>
<b>Impact on hospitals</b>	<p><b><u>Action Required:</u></b></p> <p><b>It is recommended that hospitals maintain their usual inventory target levels, including in preparation for the holiday long weekend.</b></p> <p>Given the potential for rapid changes in collections and inventory levels, monitoring of national blood supply is critical. <b>All hospitals must provide inventory levels for all RBC blood groups by 1200 noon EST each day, until further notice.</b> Hospital inventory is to be reported via the Canadian Blood Services <a href="https://b2clogin.com">Hospital Portal Login (b2clogin.com)</a>, or in accordance with usual provincial practices (British Columbia and Manitoba).</p> <p><b>It is recommended that hospitals follow best practice and appropriate use recommendations as follows:</b></p> <p><b>O negative RBC:</b> Hospitals are asked to ensure the utilization of O negative red blood cells continue to follow best practice at all times as outlined in the <i>National Advisory Committee on Blood and Blood Products</i> statement for the: <a href="#">Utilization and inventory management of Grp O RH(D)-negative red cells.</a></p> <p><b>All Rh negative RBC:</b> Additionally, the NEBMC recommends the following best practices for <b>all RhD-negative red</b></p>

	<p><b>blood cells</b>, which are particularly important for B negative red blood cells due to current low inventory levels.</p> <p><b>Recommendations for appropriate use of RhD negative RBCs for ALL BLOOD GROUPS</b></p> <table border="1" data-bbox="324 262 1542 1066"> <tr> <td data-bbox="324 262 1542 310"> <p><b>Mandatory indications: RhD negative RBCs should always be used for these indications</b></p> </td> </tr> <tr> <td data-bbox="324 310 1542 436"> <ul style="list-style-type: none"> <li>• RhD negative individuals of child-bearing potential (45 years of age and younger)</li> <li>• Individuals with allogeneic anti-D</li> </ul> </td> </tr> <tr> <td data-bbox="324 436 1542 527"> <p><b>Highly recommended indications. When possible, RhD negative RBCs should likely be used for these indications</b></p> </td> </tr> <tr> <td data-bbox="324 527 1542 667"> <ul style="list-style-type: none"> <li>• RhD negative individuals (any age) who are expected to receive chronic RBC transfusions (for example, individuals with hemoglobinopathies or with chronic transfusion requirement)</li> </ul> </td> </tr> <tr> <td data-bbox="324 667 1542 793"> <p><b>Generally acceptable indications. The use of RhD negative RBCs may be considered acceptable for these indications, but RhD positive RBCs should especially be considered when supply is severely constrained</b></p> </td> </tr> <tr> <td data-bbox="324 793 1542 877"> <ul style="list-style-type: none"> <li>• RhD negative individuals with no child-bearing potential requiring non-massive transfusion</li> </ul> </td> </tr> <tr> <td data-bbox="324 877 1542 961"> <p><b>Likely unacceptable indications. The use of RhD negative RBCs is likely unacceptable for these indications when supply constrained.</b></p> </td> </tr> <tr> <td data-bbox="324 961 1542 1066"> <ul style="list-style-type: none"> <li>• Any RhD negative individuals without allo anti-D and no childbearing potential requiring a large volume transfusion (defined as greater than 4-6 units)</li> </ul> </td> </tr> </table>	<p><b>Mandatory indications: RhD negative RBCs should always be used for these indications</b></p>	<ul style="list-style-type: none"> <li>• RhD negative individuals of child-bearing potential (45 years of age and younger)</li> <li>• Individuals with allogeneic anti-D</li> </ul>	<p><b>Highly recommended indications. When possible, RhD negative RBCs should likely be used for these indications</b></p>	<ul style="list-style-type: none"> <li>• RhD negative individuals (any age) who are expected to receive chronic RBC transfusions (for example, individuals with hemoglobinopathies or with chronic transfusion requirement)</li> </ul>	<p><b>Generally acceptable indications. The use of RhD negative RBCs may be considered acceptable for these indications, but RhD positive RBCs should especially be considered when supply is severely constrained</b></p>	<ul style="list-style-type: none"> <li>• RhD negative individuals with no child-bearing potential requiring non-massive transfusion</li> </ul>	<p><b>Likely unacceptable indications. The use of RhD negative RBCs is likely unacceptable for these indications when supply constrained.</b></p>	<ul style="list-style-type: none"> <li>• Any RhD negative individuals without allo anti-D and no childbearing potential requiring a large volume transfusion (defined as greater than 4-6 units)</li> </ul>
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<p><b>For more information</b></p>	<p>For additional info, contact:</p> <ol style="list-style-type: none"> <li>1. Your Hospital Liaison Specialist, Canadian Blood Services</li> <li>2. Your representative to the Provincial Emergency Blood Management Committee</li> <li>3. Your representative to your Hospital Emergency Blood Management Committee</li> </ol>								

\*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: [Blood Shortage | National Advisory Committee on Blood and Blood Products \(NAC\) \(nacblood.ca\)](#). If you require this advisory in an accessible format, please contact your local Canadian Blood Services Hospital Liaison Specialist.