



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

National Inventory Update

Date and time of issue	2022-12-22 0600 (EST)
Inventory Availability Phase	GREEN PHASE (Normal Inventory)
Product(s)	Fresh Blood Components
Description	<p>Inventory levels for all fresh blood components are within Green Phase levels.</p> <p>However, Canadian Blood Services has experienced lower than optimal inventory conditions and decreased blood collections performance (due to appointment cancellations, donor deferrals and impacts of adverse weather) over the past few weeks which is contributing to short-term regional fluctuations of inventory levels. Blood collections success improved recently but this is being dampened by significant weather events across the country. This situation could extend through the next few weeks into early January. Transportation of blood components may also be impacted locally by adverse weather, leading to inventory challenges.</p> <p>Resulting impacts are most prominent for inventories of group O neg RBCs but also affect the other blood groups.</p> <p>The NEBMC is monitoring the situation closely. This notice is for heightened hospital awareness only at this time.</p>
Impact on hospitals	<p><u>Action Required:</u></p> <p>Given the potential for short term changes in collections and inventory levels, it is recommended that hospitals follow best practice and appropriate use of fresh blood components. Should demand for fresh blood components change or if your hospital is experiencing inventory challenges, please contact your Hospital Liaison Specialist, Canadian Blood Services.</p> <p>O negative RBC: 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: Utilization and inventory management of Group O RH(D)-negative red cells.</p> <p>All RBCs: Additionally, the NEBMC recommends the following best practices for all red blood cell groups: Choosing Wisely Canada recommendations related to red blood cell transfusions</p>

	<p>Recommendations for appropriate use of RhD negative RBCs for ALL BLOOD GROUPS</p> <p>Mandatory indications: RhD negative RBCs should always be used for these indications</p> <ul style="list-style-type: none"> • RhD negative individuals of child-bearing potential (45 years of age and younger) • Individuals with allogeneic anti-D <p>Highly recommended indications. When possible, RhD negative RBCs should likely be used for these indications</p> <ul style="list-style-type: none"> • RhD negative individuals (any age) who are expected to receive chronic RBC transfusions (for example, individuals with hemoglobinopathies or with chronic transfusion requirement) <p>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</p> <ul style="list-style-type: none"> • RhD negative individuals with no child-bearing potential requiring non-massive transfusion <p>Likely unacceptable indications. The use of RhD negative RBCs is likely unacceptable for these indications when supply constrained.</p> <ul style="list-style-type: none"> • Any RhD negative individuals without allo anti-D and no childbearing potential requiring a large volume transfusion (defined as greater than 4-6 units)
<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: [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.