

Change Notification for the UK Blood Transfusion Services

Date of Issue: 09 May 2023

Implementation: to be determined by each Service

No. 10 – 2023

Frequency of Donation

Donation intervals after BM or stem cell harvest

Changes are indicated using the key below. This formatting will not appear in the final entry.

original text

«inserted text»

~~deleted text~~

The following changes apply to:

BM-DSG Bone Marrow & Peripheral Blood Stem Cell	CB-DSG Cord Blood	GDRI Geographical Disease Risk Index	TD-DSG Tissue – Deceased Donors	TL-DSG Tissue – Live Donors	WB-DSG Whole Blood & Components
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<i>Discretionary</i>	<p>1. Whole Blood:</p> <p>A minimum interval of 12 weeks between donations should normally be observed. Donors who regularly attend at intervals of less than 16 weeks should be informed that they are at increased risk of iron deficiency. They should be advised to reduce their frequency of donation to an average of 16 weeks or more.</p> <p>Donors with genetic haemochromatosis may donate at intervals of less than 12 weeks.</p> <p>2. Components:</p> <p>a) Double Red Cells:</p> <p>A minimum interval of 26 weeks between donations should normally be observed. Donors who attend at intervals of less than 32 weeks should be informed that they are at increased risk of iron deficiency. They should be advised to reduce their frequency of donation to an average of 32 weeks or more.</p> <p>Donors with genetic haemochromatosis may donate at intervals of less than 26 weeks.</p> <p>b) Apheresis Platelets and/or Plasma:</p> <p>A minimum interval of two weeks between donations should normally be observed. The combined total of platelet and plasma donations in any 12-month period should not be more than 26.</p> <p>Donors of convalescent plasma can donate at weekly intervals, provided they meet all other requirements for plasma donation. They should not donate more than 26 donations in any 12-month period.</p> <p>Donors who attend at intervals of less than four weeks may be at increased risk of iron deficiency.</p>
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	<p>c) Stem Cell Donors: A donor should not give any routine donations for «six» 12 months following bone marrow harvest «and» for «three» six months following peripheral blood stem cell harvest «or» and for three months following lymphocyte donation.</p> <p>d) Donors who change donation type Care must be taken to ensure that limits on the frequency of donation are maintained for donors who move between donation types. The following deferral periods should be applied: Donors moving from whole blood to component donation (except double red cells): 4 weeks Donors moving from platelet or plasma component donation to whole blood: 4 weeks since last component donation (and at least 12 weeks since the most recent whole blood donation) Donors moving from whole blood to double red cell donation: 12 weeks. Donors moving from double red cell donation to other component donation: 8 weeks.</p>
<p><i>Additional Information</i></p>	<p>The various intervals are to minimise the risk of developing iron deficiency, except for the deferral periods following stem cell «or lymphocyte» donation «which are in place» –These are to allow the donor to be available for further stem cell or lymphocyte donations should this be required. «Stem cells and lymphocytes are collected by apheresis.»</p>
<p><i>Reason for Change</i></p>	<p>«The deferral periods after bone marrow or stem cell donation have been reduced in keeping with WMDA guidelines.» The permissible donation frequency for platelet and plasma donors, including convalescent plasma, has been increased. Further guidance on donation intervals for donors changing donation type has been added. Guidance regarding apheresis granulocyte collection has been removed.</p>



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