

Issued by JPAC: 10 April 2018

Implementation: To be determined by each Service

## Change Notification UK National Blood Services No. 05 2018

### G6PD Deficiency

These changes apply to the Cord Blood and the Bone Marrow and Peripheral Blood Stem Cell Donor Selection Guidelines

Please make the following changes to the individual Donor Selection Guidelines as stated below.

#### Cord Blood Donor Selection Guidelines

*Obligatory*

**1. Must not donate if:**

Mother or Father affected by clinically significant disease, **and infant is affected.**

~~**2. Inform Transplant Centre if:**~~

~~Infant affected and cord blood accepted.~~

*Discretionary*

a) If infant shown to be unaffected, accept.

b) If father affected and male infant, accept.

c) If infant could be affected, obtain information about clinical severity of G6PD deficiency in the parent, follow-up information on child donor and discuss with Designated Medical Officer.

*Additional Information*

This is an X linked red cell enzyme deficiency that is variable in its severity. ~~Suitability as a donor should be discussed with a Designated Medical Officer~~ A transplant centre may accept a donor with G6PD deficiency if the phenotype is mild.

*Reason for Change*

To improve clarity and provide additional information

**\Continued**

## Bone Marrow and Peripheral Blood Stem Cell Donor Selection Guidelines

*Obligatory*

**1. Must not donate if:**

Severe.

**2. If accepted, must inform:**

Transplant Centre, [Collection centre](#) and, if BM donor, [the anaesthetist](#).

*Additional Information*

This is an X linked red cell enzyme deficiency that is variable in its severity. Suitability as a donor should be discussed with a **Designated Medical Officer**. [The condition would be transmissible to recipient of stem cells so Transplant Centres need to undertake their own risk assessment.](#)

*Reason for Change*

[To improve clarity and provide additional information](#)

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