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Implementation: To be determined by each Service

Change Notification UK National Blood Services No. 7 - 2014

Hepatitis B

Applies to the Cord Blood Donor Selection Guidelines and Bone Marrow and PBSC Donor Selection Guidelines

Please modify the entries as follows:

Infected Individual

Obligatory **Must not donate.**

See if Relevant Tissues Safety Entry

History of Infection

Obligatory **Must not donate.**

Discretionary If more than 12 months from recovery, obtain history and blood samples and **Refer to Designated Medical Officer.**

Additional Information Only accept if all markers (i.e. HBsAg, HBV-DNA and HB core antibody) are negative or, HB core antibody positive, HBsAg negative, and HBV-DNA negative.

Current Sexual Partners of Infected Individuals

Obligatory **Must not donate.**

Discretionary Obtain history and blood samples and **Refer to Designated Medical Officer.**

See if Relevant Hepatitis B - Post Immunization - 1. Known Exposure

Additional Information Only accept if HB core antibody positive, HBsAg negative and HBV-DNA negative.
or
if more than 12 months from the date the donor was immunised and all markers (i.e. HBsAg, HBV-DNA and HB core antibody) are negative.

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Former Sexual Partners of Infected Individuals

Obligatory	Must not donate.
Discretionary	Obtain history (including time from last sexual contact) and blood samples and: Refer to a Designated Medical Officer.
See if Relevant	<u>Hepatitis B - Post Immunization</u> - 1. Known Exposure
Additional Information	a) If less than six months from last sexual contact: Only accept if HB core antibody positive, HBsAg negative and HBV-DNA negative. or if more than 12 months from the date the donor was immunised and all markers (i.e. HBsAg, HBV-DNA and HB core antibody) are negative. b) If more than six months from last sexual contact: Only accept if all markers (i.e. HBsAg, HBV-DNA and HB core antibody) are negative or, HB core antibody positive, HBsAg negative and HBV-DNA negative. -No evidence of current infection, with or without natural immunity.

Current or Former Sexual Partners of Person who has recovered from hepatitis B infection

Obligatory	Must not donate if less than 12 months from last sexual contact.
Discretionary	Obtain history (including date the partner cleared the HBV infection and the date HBV immunisation of the donor commenced) and blood samples and Refer to Designated Medical Officer.
See if Relevant	<u>Hepatitis B - Post Immunization</u> - 1. Known Exposure
Additional Information	Only accept if more than 12 months from the date the partner was stated to have recovered from / cleared HBV or more than 12 months from the date that the donor received the first dose of a course of HBV vaccine AND either all markers (i.e. HBsAg, HBV-DNA and HB core antibody) are negative or HB core antibody positive, HBsAg negative and HBV-DNA negative.

Person Sharing Home

Obligatory	Must not donate if less than 12 months from last sexual contact.
Discretionary	Obtain history (if no longer sharing, include the time since sharing ceased) and blood samples and Refer to a Designated Medical Officer.

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See if Relevant	<u>Hepatitis B - Post Immunization</u> - 1. Known Exposure
Additional Information	If still sharing or less than six months since last sharing: Only accept if HB core antibody positive, HBsAg negative and HBV-DNA negative. If has not shared for more than six months: Accept if all markers (i.e. HBsAg, HBV-DNA and HB core antibody) are negative or, HB core antibody positive, HBsAg negative and HBV-DNA negative No evidence of current infection, with or without natural immunity.
Reason for change	To remove the requirement for anti-HBs levels to be >100 iu/l for acceptance of stem cell donations from donors who are anti-HBc-positive provided the HBV DNA result is negative.

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