Mandatory testing of blood donations

Applies to the Guidelines for the Blood Transfusion Services in the United Kingdom – 7th Edition 2005

The use of a two cell panel for antibody screening of blood for neonates in the United Kingdom does not cover the following antigens: C\textsuperscript{w}; Kp\textsuperscript{a} and Lu\textsuperscript{a}. Anti-C\textsuperscript{w}; anti-Kp\textsuperscript{a} and anti-Lu\textsuperscript{a} are rarely of clinical significance and it is not considered essential to include C\textsuperscript{w}; Kp\textsuperscript{a} and Lu\textsuperscript{a} on screening cells.

13.10.7 Antibody screen for blood for neonates (page 180)

Please delete: 

- Blood for neonatal use must be screened and found negative for antibodies by an indirect antiglobulin test, performed using a two cell panel expressing the following antigens as a minimum: C; C\textsuperscript{w}; c; D; e; K; k; Kp\textsuperscript{a}; Fy\textsuperscript{a}; Fy\textsuperscript{b}; Jk\textsuperscript{a}; Jk\textsuperscript{b}; S; s; M and Lu\textsuperscript{a}.

Replace with: 

- Blood for neonatal use must be screened and found negative for antibodies by an indirect antiglobulin test, performed using a two cell panel expressing the following antigens as a minimum: C;c;D;E;e;K;k;Fy\textsuperscript{a};Fy\textsuperscript{b};Jk\textsuperscript{a};Jk\textsuperscript{b};S;s and M.

For information: The supporting paper, JPAC 09-19 Proposed change: Red Book: Chapter 13.10 Mandatory testing of blood donations, leading to this Change Notification can be found in the Document Library/Supporting Papers of the JPAC website: http://www.transfusionguidelines.org.uk/Index.aspx?Publication=DL&Section=12&pageid=7528.

Dr Sheila MacLennan
Professional Director - Joint UKBTS/NIBSC Professional Advisory Committee
Direct Dial: (0113) 214 8638 sheila.maclennan@nhsbt.nhs.uk