



Royal United Hospitals Bath

We implemented the process of emergency issuing O RhD Pos to adult males or females >60 (this age has changed in other guidance since then) in major haemorrhage in July 2013.

We have had no adverse reactions and no cases of anti-D immunisation.

The advantage is that we have 4 less O D negative units sat in the emergency area in the fridge to have to try and rotate and use before expiry. That is also the driver behind changing 2 of the private hospital O D Negative stock units to O D Positive following the review of the patient cohort treated there.

We emergency issued a total of 1,471 group O units during that period; 510 were O D Neg and 961 were O D Pos.

So ball park reduction in O D Neg use in emergencies is 320 a year (almost 1 a day rather than 1 a week!) obviously smaller hospitals may struggle to reduce by the same absolute amount but the relative percentage should be transferable (with the exception of purely maternity hospitals).

Anti-D detected data for the same period.

Anti-D detected

M	17	5 were C+D ?G
F	125	2 were C+D ?G

All patients where Anti-D was identified were individually investigated. No cases of Anti-D immunisation as a result of RhD positive transfusion at the RUH were identified.

For further information please contact:

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