Scottish National Blood Transfusion Service
Policy Record

Ref: NATP DON 07 007 03
Cat: DONOR

Title:

MANAGEMENT OF DONORS FAILING THE PRE-WHOLE BLOOD DONATION HAEMOGLOBIN SCREEN

Background:

Haemoglobin screening of donors will identify donors whose haemoglobin results are outside the acceptable limits for donation.

Donors who fail to meet the minimum levels of haemoglobin may have been rendered iron deficient or anaemic as a result of previous donations. It is also recognised that such a finding may be caused by an underlying disease process not detected by our health screening procedures.

The Haemoglobin Analyser gives a quantitative result. Donors with a raised haemoglobin level will be identified.

Key Changes from Previous Revision

Remove reference to Copper Sulphate method in Statement.

Replace NATs MED 008 APP 13 with Donor Selection Toolkit (NATS MED 008) - haemoglobin results: whole blood

Put document into new Policy template

Remove: Under 3. 'This will be supported by regular eProgesa searches to identify donors who have failed haemoglobin screening more than once.' Hb is not currently recorded on e Progesa so DSCO are unable perform this search so comment removed

Remove references to Hemocue, and replace with Haemoglobin Analyser.

Policy Agreement	CGSG: N/A	SMT: N/A
Supersedes Policy Ref:	NATP DON 07 007 V02	
Date Of Implementation:	21st December 2020	

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1. Primary haemoglobin screening test – capillary sample

The initial assessment of haemoglobin level are performed on a capillary blood sample using the current session Haemoglobin Analysers. The acceptable ranges are:

Males	135 to 180 g/L inclusive
Females	125 to 165 g/L inclusive

Donors whose capillary result falls outside these limits are asked to give a venous sample.

2. Secondary haemoglobin screening test – venous sample

If the donor agrees, a venous sample is obtained and tested using the same analyser. Donor eligibility is assessed by this second result, without reference to the result obtained from capillary testing. As before the acceptable ranges are:

Males	135 to 180 g/L inclusive
Females	125 to 165 g/L inclusive

Donors whose venous result falls outside these limits are not eligible to donate blood.

3. Further management of donors failing the haemoglobin screening test

The eProgesa records for these donors will be updated with appropriate deferral codes, comments and revised phlebotomy types, as described in the Donor Selection Toolkit (NATS MED 008) - Haemoglobin results: whole blood.

Staff at donor sessions will use comments printed on the DSR to identify donors who have failed haemoglobin testing on several occasions and advise the donor about their future attendance.

4. Donors without a venous haemoglobin result

If a donor declines to have a venous sample taken, or if one cannot be obtained, the donor will be deferred.

5. Retention of Blood Samples

At the session, venous samples taken for haemoglobin testing can be discarded after testing is complete. It is not necessary to forward any sample for further testing.

NATF 003 05

(Relates to SOP NATS QAD 081 and NATS TRN 003)

TRAINING REQUIREMENTS SHEET

Document Number: NATP DON 07 007 v03

Document Title: MANAGEMENT OF DONORS FAILING THE PRE-WHOLE BLOOD DONATION HAEMOGLOBIN SCREEN

Departmental Manager must consider staff training and re-training requirements associated with the introduction of this document; and initial as appropriate the statements below for its application within their department:

A	**New Procedure – Training and competency assessment required for all staff who will need to carry out this procedure.**
B	**Significant Changes – Training and competency assessment required for all staff who need to carry out this procedure.**
C	**Minor Changes Only – Existing trained and competent staff to read and sign. No additional formal training required.**
D	**Information – Read and acknowledge understanding of this document.**
E	**Document not applicable to staff member.**

Staff Group	Training Requirements	Agreed By

Staff Names	A	B	C	D	E	Staff Signature	Date

Please use additional pages as required.