



Happy New Year!

As we begin a new year, SHOT would like to wish everyone in the transfusion community and all our reporters a very Happy New Year! We'll outline in this SHOT Newsletter some of the upcoming events for 2024, and things to watch out for!

New look for Dendrite reporting pages

The SHOT incident reporting pages have been updated to easier reflect when questions on the Dendrite system have been completed.

Answered questions will be coloured green, with **unanswered questions coloured red**.

Implicated component			
<div> ● Answered ● Unanswered </div>			
Implicated component/s	<input checked="" type="checkbox"/> Red cells components <input type="checkbox"/> Plasma components <input type="checkbox"/> Prothrombin complex concentrates (PCC) <input type="checkbox"/> Other	<input type="checkbox"/> Platelets <input type="checkbox"/> Granulocytes <input type="checkbox"/> Whole blood (LD) Includes platelets	
Implicated red cell component/s	<input type="checkbox"/> Standard red cells <input type="checkbox"/> Washed <input type="checkbox"/> For exchange transfusion	<input type="checkbox"/> Irradiated <input type="checkbox"/> For intrauterine transfusion <input type="checkbox"/> HEV negative	<input type="checkbox"/> CMV-negative <input type="checkbox"/> For neonatal use
Indication for red cell transfusion	<div></div>		

On the *Registration page* the **date of birth** is now a **mandatory field** and must be completed before progressing.

Patient's date of birth

Where a date of birth is unknown, please give an estimation of age e.g., 01/01/2003 for estimated 20 years.

Updated SHOT Database User Guide

An updated SHOT database user guide is also now available on the SHOT website *Reporting page* or by clicking [here](#). This document is also available directly from the Dendrite pages when completing a SHOT report by selecting the *Documents* tab in the top right of your reporting page and selecting SHOT Database User Guide Jan 2024. The Reporting FAQ [SHOT Bite No6](#) has also been updated to reflect the changes.

Data Summary

Documents

Patient Search

Log out





Updated SHOT Benchmarking regions



The SHOT Benchmarking data enables organisations to monitor their own level of participation in the SHOT scheme in comparison to organisations of similar usage. The benchmarking pages have been updated to reflect the seven NBTC RTC regions in England.

This is available via the *Reporting* page on the **SHOT website**: <https://www.shotuk.org/reporting/shot-participation-benchmarking/>

NBTC Regions: <https://nationalbloodtransfusion.co.uk/>

Updated SHOT Definitions for 2024

The SHOT Definitions guide is reviewed and updated annually to reflect changes in practice or to further explain key points in reporting categories.

Please ensure your local versions are replaced with the 2024 version, available on the SHOT website or by clicking [here](#)

Definitions of current SHOT reporting categories & what to report

The SHOT definitions document is reviewed and updated annually. For any additional queries please email SHOT@nhsbt.nhs.uk

Removal of maximum age requirements for RBC to patients with Haemoglobinopathies

Reminder: In November 2023 there was a joint statement from NHS Blood and Transplant, National Blood Transfusion Committee, United Kingdom Thalassaemia Society and Sickle Cell Society regarding the **removal of maximum age requirements for red cells transfusion to patients including those with Haemoglobinopathies**. At that time, the aim of the request was to support the management of the Amber Alert on red cell stock. **NHSBT ask you to continue this practice**. Click [here](#) for direct link to statement or visit:

<https://nhsbtdbe.blob.core.windows.net/umbraco-assets-corp/31405/20231101-nhsbt-removal-of-maximum-age-requirements-for-red-cells-transfusion-to-patients-including-those-with-haemoglobinopathies.pdf>

NHS
Blood and Transplant

To: All transfusion colleagues involved in the transfusion of patients

01 November 2023

Joint Statement from NHS Blood and Transplant, National Blood Transfusion Committee, United Kingdom Thalassaemia Society and Sickle Cell Society.

Removal of maximum age requirements for red cells transfusion to patients including those with Haemoglobinopathies

NHSBT released a statement in January 2023 regarding Clinical leads responsible for the transfusion of patients with haemoglobinopathies to remove the maximum age requirement for red cell transfusion. At that time the aim of the request was to support the management of the Amber Alert on red cell stock.

We ask you to continue this practice.

Multiple haematology centres implemented this as a permanent change to practice and have reported that it has allowed them to provide better phenotypically matched red cells and improve blood inventory management at their sites.

A literature review has identified limited evidence to support the recommendation of transfusing fresh blood to adult patients, and past UK guidance on age of blood for patients with sickle cell disease has been pragmatic and not strongly evidence based. In contrast there are multiple studies describing an increased benefit in transfusion of red cells that more closely match the patient's own ABO group and extended red cell phenotype.

Red cell maximum age requirements are not in place in other countries that use red cell exchange in sickle cell disorders.

The change in approach reflects the continuous improvement in medical knowledge and practices, including in iron chelation, aiming to provide the best possible care for patients. It is important to adapt and incorporate new evidence-based strategies to enhance the quality of life and transfusion experience for these individuals.

It has been agreed that the BSHT guidelines on red cell transfusion in sickle cell disease and on pre-transfusion compatibility procedures in blood transfusion laboratories will be updated in this respect.

This recommendation to remove the maximum age requirement for red cell transfusion primarily applies to haemoglobinopathy patients. It should also be emphasised that red cells up to standard shelf life are considered appropriate for transfusion to all other patient groups (apart from neonates and infants receiving large volume transfusions).





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@SHOTHV1

SHOT

Serious Hazards
of Transfusion

Forthcoming events

SHOT team members are hoping to attend most of these events! Look out for SHOT posters, workshops, and come and visit the SHOT stands



IHN Symposium
11-12 April 2024
Athens, Greece

[Register](#)



NATA24
24th Annual Symposium
18-20 April 2024
Bologna, Italy

[Register](#)



BGS Transfusion
Conference
22-24 April 2024
Nottingham, UK

[Register](#)



Ergonomics and Human
Factors 2024
22 - 24 April 2024
Kenilworth, UK

[Register](#)



BSH – 64th Annual
Scientific Meeting
28-30 April 2024
Liverpool, UK

[Register](#)



ISBT Conference
23 – 27 June 2024
Barcelona, Spain

[Register](#)



SAVE THE DATE
09.07.2024
2024 SHOT SYMPOSIUM



SAVE THE DATE

Annual SHOT Symposium
Tuesday 9 July 2024
Mercure Manchester
Piccadilly Hotel
Manchester, UK



[Register](#)

Exhibitor packages available now. For
more information, please contact
SHOT.symposium@nhsbt.nhs.uk



Download the SHOT App now to keep up to date with SHOT resources wherever you
are





SHOT symposium

SHOT symposium abstract submission is now OPEN! Would you like to share your knowledge, promote local good practice, or exchange exciting new ideas....then submit an abstract and share the knowledge with the transfusion community!! Click [here](#) for further details! For 2024 any accepted abstract will also receive a **FREE delegate place** for the lead/presenting author!



Forward look

New SHOT Resources



SHOT Bite No 28 Cell-free fetal DNA (cffDNA) screening errors. Click [here](#) to access



JPAC and SHOT 'Safe blood donations for safe transfusions' webinar recording available <https://www.shotuk.org/resources/current-resources/webinars/>

Upcoming in 2024



Feb/ March 2024 - 2022 Annual SHOT Report **Recommendations Survey** – expected to be released



April 2024 - **Culture Survey** responses being evaluated, and report expected



My Transfusion App – currently in development to be used by all patients who receive transfusions, especially those needing regular transfusion support as part of their care



Human Factors and Ergonomics courses – SHOT will be releasing dates for further HFE courses through 2024



New SCRIPT IT documents covering **LIMS selection** and **Data Migration** coming soon! Visit the [SCRIPT page](#) on the SHOT website for further details

Thank you!

Thank you to all our reporters who completed and closed off any outstanding SHOT reports before the end of 2023. It is much appreciated and ensures these cases can be included in the 2023 Annual SHOT Report data.

The SHOT team and our working experts are now collating and reviewing all reports, and preparing the 2023 Annual SHOT Report, due for release July 2024!



2024 JULY						
Su	Mo	Tu	We	Th	Fr	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

