December 2024 Newsletter

As the year ends, the SHOT team would like to take this opportunity to look back on the last 12 months. 2024 was a year full of challenges, accomplishments, and amazing national and international collaborations with many healthcare professionals.

There were so many special moments throughout the year worth remembering and celebrating again. The key highlights from 2024 are presented below.

Let's dive in, shall we?

Annual SHOT Symposium 2024

More than 300 attendees joined a diverse range of interesting sessions. The rapid-fire posters and the panel discussion were some of the highlights of the day which focussed on sharing the learning widely across healthcare professionals and organisations.

Preparations for the 2025 Annual SHOT Symposium are already in progress! Hope you are all able to join us!

SAVE THE DATE: Friday 11 July 2025 at the Hilton Birmingham Metropole Hotel
https://www.shotuk.org/annual-shot-symposium-2025/

2023 Annual SHOT Report

The 2023 Annual SHOT Report was released at the Annual SHOT Symposium. This collaborative report, co-written by the SHOT team and the SHOT Working Expert Group focused on the key recommendations to enhance transfusion safety based on the incidents reported to SHOT in 2023. The full report and related resources can be accessed on the SHOT website:
Report, Summary and Supplement 2023 - Serious Hazards of Transfusion

If you want a printed copy, contact SHOT on shot@nhsbt.nhs.uk to purchase your order.

The latest cumulative SHOT data page: Transfusion-Transmitted Infections

An overview of the reports submitted to SHOT, since reporting began in the category, definitions, relevant resources and recent recommendations can be accessed via this link:

https://www.shotuk.org/resources/current-resources/data-drawers/

Meet the Experts webinars

https://www.shotuk.org/meet-the-experts-webinars/

In 2024 the Meet the Experts session changed to interactive virtual webinars to allow wider participation. 4 webinars, 4 chapters, 4 opportunities for discussion.
All webinars are available on the SHOT website, and more are coming in 2025.

Upcoming webinar on Human Factors and Ergonomics in SHOT Error Incidents
Click here to register to this event to be held on Monday 20th January 2025

SHOT Bites

https://www.shotuk.org/resources/current-resources/shot-bites/

New SHOT Bites

SHOT Bite No. 29: Differences of reporting errors related to anti-D Ig and immune anti-D
SHOT Bite No. 30: Post-Transfusion Purpura
SHOT Bite No. 31: The role of Sp-ICE in preventing Haemolytic Transfusion Reactions
SHOT Bite No. 32: SCRIPT

SHOT Human Factors and Ergonomics course

SHOT were delighted to run two Human Factors and Ergonomics (HFE) in Transfusion Training Courses in November and December 2024. These were delivered by members of the SHOT team and Working Expert Group.

We welcomed UK and international delegates to the sessions which were interactive and incorporated breakout rooms to facilitate discussions on the importance of HFE in incident investigations and design scenarios.

The feedback received has been excellent with all attendees rating the overall content of the course as good or very good. Some comments received included:

"Very good course! We are already using Human Factors in our organisation, but I still learned a lot from the course"

"Very good course. liked how as well as the incident, there was a design case - highlighting how HFE can be used proactively"

"As a new member of staff to my role I found it very useful to attend this course and expand my knowledge further. I really enjoyed and benefited mostly from the breakout sessions in the second half of the course. I also liked the use of Vevox as it allowed participants to give answers anonymously providing them with the confidence to speak"

We will be running more HFE courses in Autumn 2025, and details will be released in due course.

There is another resource coming up soon with… Join us for the webinar in Human Factors and Ergonomics in SHOT Error Incidents

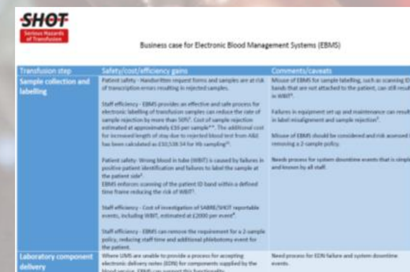
Click here to register for this event to be held on Monday 20th January 2025

SCRIPT

SHOT UK Collaborative Reviewing and reforming IT Processes in Transfusion

SCRIPT
SHOT UK Collaborative Reviewing and reforming IT Processes in Transfusion

RESOURCES RELEASED in 2024
Click on the images below to see what's new



Lessons learnt | IT downtime | LIMS guidance | Business case example

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@SHOTHV1

SHOT Serious Hazards of Transfusion

New look for Dendrite reporting pages

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

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

Positive feedback was received from reporters. Let us know how we are doing!

Surveys

Safety alert & Safety notice

JUST RELEASED

Read more on page 7

Click on the images to access respective document

Other resources

Monitoring the safety of the blood supply

New SHOT video
About the measures in place to ensure blood supply safety

Blood donation myth busters: 2

New Myth busters
Part 2 available on the SHOT website and on the SHOT app

Lessons from the Infected Blood Inquiry: blood services

Presentation by Dr Su Brailsford at the
RCPath & SHOT Joint Transfusion Symposium 2024

Safety is a team effort!

The SHOT team would like to take this opportunity to express our heartfelt gratitude to everyone in the transfusion community for all your amazing work this year. Your support and collaboration have been invaluable, and we sincerely appreciate your contributions. The SHOT team could not be prouder and more grateful for the achievements that 2024 delivered and are excited for the new year that fast approaches. Here's to a healthy and happy 2025 for all.

Coming soon

In 2025 the SHOT website will have a new look!

SHOT aims to improve users experience when using our website, finding our resources and the latest haemovigiliance activities.

Also in 2025

MyTransfusion app

The My Transfusion App is the UK's first patient facing transfusion App. It was co-created with transfusion experts at SHOT and patient representatives. It contains information on the whole transfusion journey, from reasons why a blood transfusion might be needed to what to do following a transfusion.

A promotion pack will be sent closer to the release date

Look out

Haemovigilance workshops

In 2025 SHOT in collaboration with MHRA will coordinate haemovigilance workshops.
In 2025 workshops will take place in Wales, Scotland and Northern Ireland.
In 2026 haemovigilance workshops are expected to take place in England.
These will be promoted by local teams!

Exciting opportunity to work as a Research Fellow/Officer

We are pleased to announce an exciting opportunity to work as a Research Fellow/Officer on an NHSBT funded project for 12 months based at the University of Leeds starting in Jan 2025. The research will focus on haemovigilance and working closely with SHOT and an international network of research collaborators, researcher will play an integral role in developing guidance for future haemovigilance systems based on systematic review of research evidence, synthesis of expert subject-matter knowledge and collaborative work with existing systems. Working with the NIHR Patient Safety Research Collaboration at the University of Leeds and the NIHR Blood and Transplant Research Unit in Data Driven Transfusion Practice at the University of Oxford, the work will draw upon Safety Science and Implementation Science to maximise learning from adverse event monitoring and implementation of recommendations from haemovigilance to enhance blood safety. The closing date for the applications is 6th January 2025.

For more information and to apply

Jobs.leeds.ac.uk

Jobs.ac.uk

SHOT Office Manchester, Blood Centre, Plymouth Grove, Manchester M13 9LL. +44(0)161 423 4208 shot@nhsbt.nhs.uk www.shotuk.org @SHOTHV1 SHOT Serious Hazards of Transfusion

Latest SHOT Resource
Safety Notice 03: Safe, appropriate, and timely administration of anti-D Immunoglobulin during the perinatal period

With anti-D Ig errors accounting for 22% to 24% of the total errors (excluding near misses) analysed by SHOT annually, we are reaching out to you with this safety notice to encourage a review of local policies, processes and practices in place and address gaps to enhance patient safety.
This has been drafted by relevant SHOT Working Expert Group members and has been reviewed and approved by Royal College of Obstetricians & Gynaecologists and by the Royal College of Midwives.
We encourage you to liaise with relevant teams locally, carry out a gap analysis using the safety notice (also available as an Excel spreadsheet in an accessible format) and map out actions needed to address gaps identified and enhance safety. Safety notice and gap analysis are available at:
[Safety Alerts and Safety Notices - Serious Hazards of Transfusion]

SHOT Safety Notice 03: Safe, appropriate, and timely administration of anti-D Immunoglobulin during the perinatal period

This safety notice was reviewed and approved by the Royal College of Obstetricians & Gynaecologists (RCOG) and by the Royal College of Midwives (RCM)

1. The objective of this SHOT Safety Notice

This SHOT Safety Notice has been issued to highlight the importance of appropriate administration of anti-D immunoglobulin (Ig). This includes dose, route, and administration within the correct timeframe. The aim is to reduce the risk of developing immune anti-D in mothers and birthing parents with D-negative blood type during pregnancy and following the birth of an infant with D-positive blood type. Immune anti-D can result in haemolytic disease of the fetus and newborn (HDFN). Organisations must ensure that local policies, procedures, and processes support compliance with current BSH guidelines for safe and appropriate administration of anti-D Ig following potentially sensitising events (PSE) and for routine antenatal anti-D Ig prophylaxis (RAADP) (Qureshi, et al., 2014).

This safety notice should be used as a gap analysis tool to help identify gaps in current practice and implement improvement actions to enhance patient safety.

2. Anti-D Ig errors reportable for haemovigilance

Errors relating to the request and/or administration of anti-D Ig during pregnancy and after birth are reportable to SHOT and are the focus of this safety notice. However, this reporting category (anti-D) also includes events relating to the administration of anti-D Ig following inadvertent transfusion of D-mismatched red cells or platelets or following a D-mismatched solid organ transplant (SOT).

Cases of pathological reactions to anti-D Ig such as severe allergy or local reactions are not reportable to SHOT, these are reportable via the MHRA 'Yellow Card' system for medicines using this link: https://yellowcard.mhra.gov.uk/

The SHOT definitions and reporting criteria can be accessed using this link: https://www.shotuk.org/reporting/

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Upcoming events in 2025

British Society for Haematology — Listening • Learning • Leading

65th Annual Scientific Meeting
27th–29th April at the Scottish Event Campus, Glasgow

Register here

Chartered Institute of Ergonomics & Human Factors

Ergonomics & Human Factors 2025
28th–30th April at the St George's Park, Burton on Trent

Register here

nata — Network for the Advancement of Patient Blood Management, Haemostasis and Thrombosis

NATA25 Annual Symposium
24th–26th April at the Science Congress Centre, Munich, Germany

Register here

Season's greetings and wishing you all a very Happy New Year 2025

As the year draws to a close, the SHOT team wants to take a moment to thank you for your incredible support and contributions through the year. This season is a time for reflection and gratitude, and we are truly, fortunate to have you as part of our journey.
Wishing you all a festive December filled with joy and a New Year ahead brimming with hope, prosperity and new beginning! We look forward to continuing our work together in the new year ahead.
A very Happy New Year 2025 to all
from all of us at SHOT!

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