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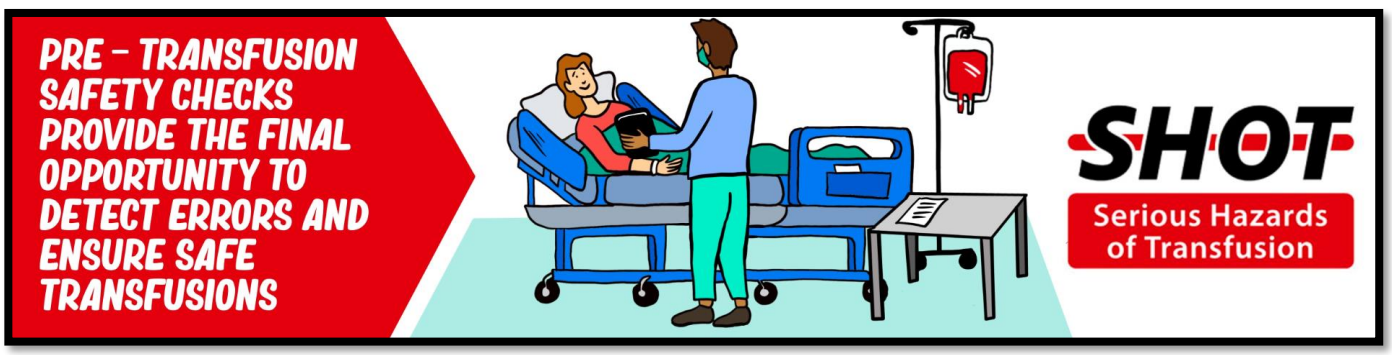
SHOT Serious Hazards of Transfusion

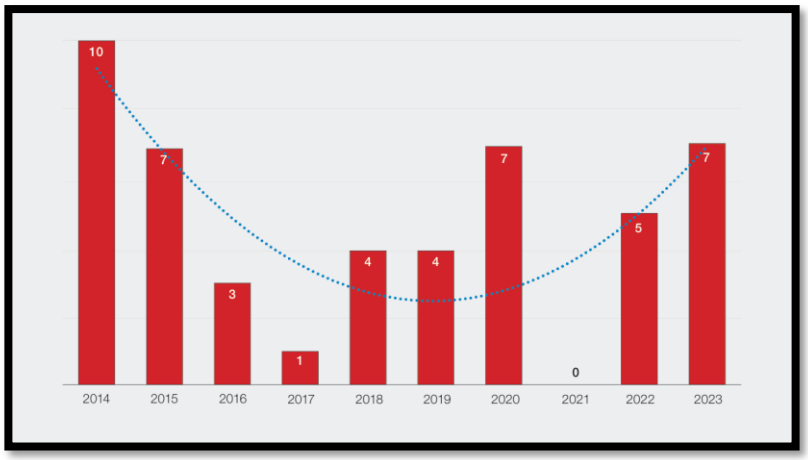
Welcome to the August 2024 SHOT Newsletter

ABO incompatible transfusions in 2023

- There were **7** red cell ABOi transfusions reported in 2023
- All due to clinical errors (**4** collection errors and **3** administration errors)
- **2** resulted in major morbidity, **1** minor morbidity, **2** deaths unrelated to transfusion and **2** patients had no clinical reaction
- The **3** administration errors resulted from a lack of pre-transfusion safety checks which provide a final opportunity to detect mistakes prior to administration
- Worrying signals are emerging from the haemovigilance data with increasing numbers of preventable errors and potential harm incidents
- Whilst it is encouraging to see improved haemovigilance reporting, it is evident that staff have absolutely no spare capacity and are stretched beyond breaking point with an increasing number at risk of burn out



This graph shows the concerning rise in ABOi red cell transfusions



Complete all the relevant checks when collecting the component and use a pre-administration checklist at the patient's side

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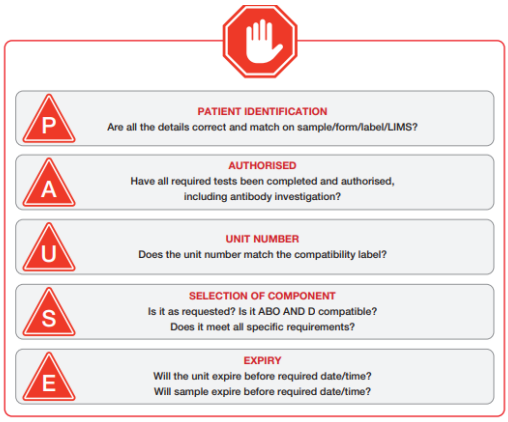
Safe Transfusion Practice: Transfusion Checklist

Transfusion Request Ensure that:	Signature to confirm
The reason for transfusion is documented in the patient record	
Details on the transfusion authorisation (prescription) sheet are completed and any specific requirements documented	
All fields on the transfusion request form are completed and the form is signed	
The identity details on the transfusion sample are completed correctly and samples labelled at the patient's bedside. These must be handwritten unless electronic systems are available that generate and print a label at the bedside from the patient ID band are available	
The patient has (and where appropriate family/carers have) received information, has agreed to the transfusion, and this is documented **Or** In cases where the patient is unconscious and/or unable to consent and the blood component is given in patient's best interest, ensure this is documented in the patient's notes, and information given retrospectively	
The laboratory is informed of the degree of urgency of the request	
Pre-Transfusion Checks	



Look at your systems and what is in place to address any gaps

Are you reviewing and trending ABOi and WBITs?

Meet the Experts webinars

In a change from previous year's symposiums, the Meet the Experts sessions will be held as individual webinars throughout 2024/25.

Click here or in section below to register

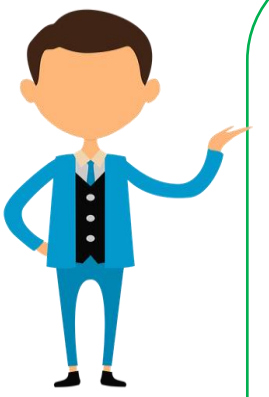
Topic	Date	Time (GMT)	Register
Pulmonary Complications of Transfusion	**Thursday 5th September**	13:00 - 14:00	https://us06web.zoom.us/webinar/register/WN_BtjNmerVSnKWujykHetEnA
Transfusion-Transmitted Infections	**Tuesday 29th October**	13:00 - 14:00	https://us06web.zoom.us/webinar/register/WN_cCLWZvupQDG6dd6Fz-D08A
Avoidable, Delayed & Under or Overtransfusion	**Tuesday 12th November**	13:00 - 14:00	https://us06web.zoom.us/webinar/register/WN_5Jv5XJ1iR6CQLFXhM-RR3w
Information Technology	**Tuesday 17th December**	13:00 - 14:00	https://us06web.zoom.us/webinar/register/WN_THOxf-s5RR6kYSqpv3Ydtg

Here is the link to the MTE webinar flyer:
https://www.shotuk.org/meet-the-experts-webinars/

SHOT e-learning modules

Have you visited the SHOT e-learning modules?

These have been developed and are relevant for all healthcare staff, clinical and laboratory, involved in the transfusion process. They have been created with funding support from the Health Education England and are designed to increase awareness about patient safety related to transfusion and the role of haemovigilance in transfusion safety.



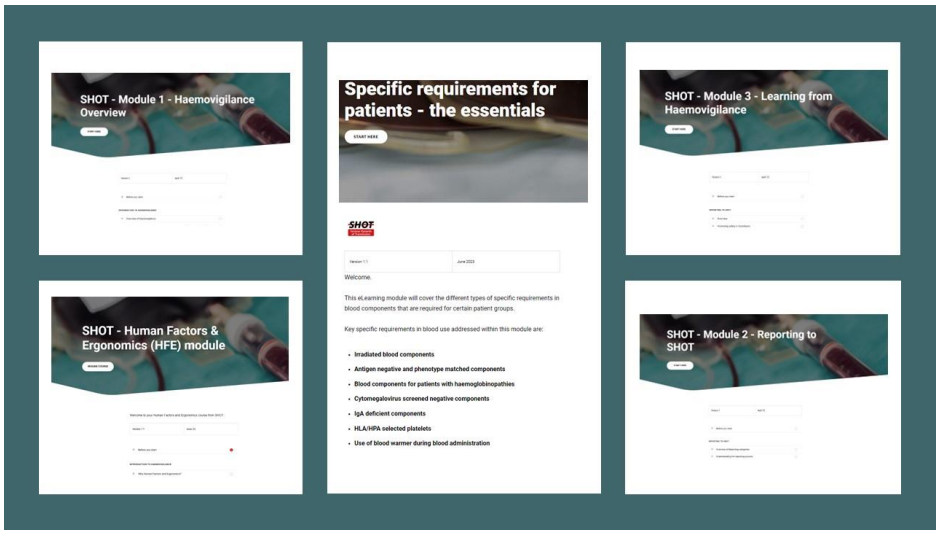
Available modules include:

Insights from SHOT for Safer Transfusion:

- Module 1 – Haemovigilance Overview
- Module 2 – Reporting to SHOT
- Module 3- Learning from Haemovigilance

Human Factors and Ergonomics (HFE) module

Specific requirements for patients – The essentials



The e-learning modules can be accessed on the elfh Blood Transfusion Training programme and on ESR. For more information please click here: [E-learning - Serious Hazards of Transfusion (shotuk.org)]

2022 Key Recommendations Survey Report published


Serious Hazards of Transfusion (SHOT)
2022 Key Recommendations Survey Report
Survey aims and response rate
Report Summary
Resources
THANK YOU!

The Key Recommendations Survey aims to understand progress made in implementing Key SHOT Recommendations in UK Trusts/Health Boards.
SHOT would like to extend our sincere thanks to all reporters and those that responded to the survey.
Link here: SHOT Surveys - Serious Hazards of Transfusion (shotuk.org)

Gap analysis for the 2023 Annual SHOT Report

A gap analysis tool and action plan for the new 2023 Annual SHOT Report recommendations is now available for use on the report page
Link here: https://www.shotuk.org/shot-reports/report-summary-and-supplement-2023/

All the resources are available on the SHOT website and are free to access Home - Serious Hazards of Transfusion (shotuk.org)

Look out for the SHOT team at the following events

HSJ Patient Safety Congress
16 – 17 Sept. 2024
Manchester, UK

Register

Exhibition stand 34

BBTS Annual Conference
17 – 19 Sept. 2024
Glasgow, UK

Register

Exhibition stand, mini-SHOT Symposium

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