SHOT Office Manchester, Blood Centre, Plymouth Grove, Manchester M13 9LL.

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@SHOTHV1

SHOT Serious Hazards of Transfusion

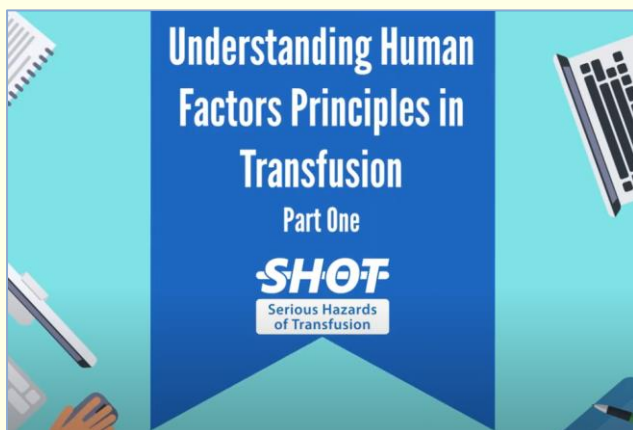# SHOT Newsletter November 2024

Human Factors in Transfusion Course

We have had an overwhelming response to our courses for November and December 2024, both dates are now fully booked.

We will be holding more courses in Autumn/Winter 2025. We will release details on the SHOT website and via this newsletter in due course.

In the meantime, you can find all our Human Factors Resources on the SHOT website, including these 2 short videos which provide an overview of Human Factors and its relevance to transfusion, alongside helpful tips and resources designed to embed application of HF in everyday practice.

Hover over the images below and press Ctrl + Click to access the videos:

The videos should be viewed together, as Part 2 builds on the learning provided in Part 1.

SCRIPT Community Guidance: Lessons learnt from implementation of transfusion IT systems

This form can be used to share experiences and lessons learnt from undergone implementation transfusion IT projects within organisations. It can be completed by anyone involved with or impacted by the project: this could include (but is not limited to) transfusion practitioners, transfusion laboratory managers, biomedical scientist staff, quality managers and IT staff.

Anonymised responses will be collated into a 'living' document on the SCRIPT webpage, which will be updated on a regular basis and analysed for trends. Responses may contribute to SHOT educational material and may be included in other publications.

This is with the intention to share the learning on a national and international basis.

Thank you for taking the time to share your lessons learnt with the transfusion community.

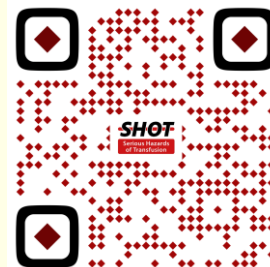This form can be accessed using the QR code below or by using this link: https://forms.office.com/e/MQfQdxZ3rx

SCRIPT

SHOT UK Collaborative Reviewing and reforming IT Processes in Transfusion

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SCRIPT IT Downtime aide memoir

The SCRIPT group have released an [aide memoire](#) for business continuity plans for IT downtime. The document contains suggestions of areas to review and can be used by organisations as a prompt when revising local IT downtime procedures.

SCRIPT

SHOT Serious Hazards of Transfusion

SHOT UK Collaborative Reviewing and reforming IT Processes in Transfusion

Information technology downtime: Aide Memoire

What is this document about?

This aide memoire provides suggestions to support development of effective contingency plans for planned and unplanned IT downtimes. The transfusion service is dependent on many IT systems, including laboratory information management systems (LIMS), electronic patient record systems (EPR), electronic blood management systems (EBMS), electronic temperature monitoring systems (ETM), procurement systems, blood component ordering systems, staff rostering systems and those that support the quality management system. General principles of contingency planning apply to all electronic systems used in transfusion, but this document focuses on those systems that are critical for safe transfusion practice; LIMS, EPR, EBMS and ETM.

Please note: The suggestions contained are not exhaustive and are provided as a guide only, please rectify any further gaps identified in local documentation

General principles

Documentation which may contain information about IT downtime

- Business continuity plan (BCP) – high level to give assurance to executive management that plans in place
- Risk assessment– potential errors leading to patient harm
- Contracts, SLAs with suppliers – level of cover, responsibilities for investigation and disaster recovery
- Policies, procedures and processes – detailed descriptions of actions for staff (laboratory, clinical, IT) easily available

Potential content to be included

- Length of downtime – consideration of impact and service dependent on length (hours, days, weeks)
- Communication channels – suppliers, users, staff, management
- System recovery – validation of functionality, data input
- Ensure no single point of failure within contingency plans

Further actions to support BCP

- Regular testing – walk through, table top, simulation, planned downtime, learning captured and improvement actions
- Staff training and competency assessment
- Investigation – root causes, corrective and preventive actions, learning incorporated
- Appropriate priority level for organisational IT support
- Incident de-brief following IT downtime to recognise achievements and areas for improvement

IDENTIFY A RISK: SEE IT — RAISE IT ⚠ — FIX IT

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NBTC Resources

The National Blood Transfusion Committee has important documents and resources available on its website.

National Blood Transfusion Committee

SHOT would like to draw your particular attention to these updates:

Red Cell Shortage Plan - 2024

Indication codes for transfusion - 2024

Meet the Experts Webinars

SHOT has completed 3 of 4 Meet the Experts sessions for 2024. You can find recordings of these sessions here.

The final session is on **Errors Related to Information Technology**, with Megan Rowley & Jeni Davies. The session will take place at **13:00-14:00 GMT on Tuesday 17 December**. Click here to register.

	These webinars will be presented by the 2023 Annual SHOT Report chapter authors
	The hour-long webinars will include a **20 -30** minute presentation followed by an interactive Q&A session
	The webinars will provide excellent opportunities for CPD through reflective practice
	This provides an excellent opportunity to understand trends in the cases, how they are analysed and seek clarification regarding any reporting questions

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Masters in Applied Transfusion and Transplantation Science

Are you interested in studying a Masters in Applied Transfusion and Transplantation Science?

The University of the West of England (UWE), in conjunction with NHS Blood and Transplant, offer a postgraduate master's degree which commences in September of every year, and **applications will be opening soon for the 2024-2025 intake**.

UWE & NHSBT are running an information and **Q&A session on the 7th of January 1pm-2pm via Teams** for anyone interested. Please click on the image below to join the meeting

You can also find out more information on the [UWE website](#) or by emailing the shared MSc inbox [mscappliedtxtp@nhsbt.nhs.uk](#) .

UWE Bristol — University of the West of England

NHS Blood and Transplant

MSc in Applied Transfusion and Transplantation Science

Interested in applying for 2024/25?
Please attend our online webinar for prospective students on
Tuesday 7th January 1pm-2pm
Teams Link:
Join the meeting now
Meeting ID: 332 199 357 621
Passcode: e6m85c

Study a postgraduate master's degree in transfusion and transplantation created in collaboration between NHS Blood and Transplant (NHSBT) and the University of the West of England (UWE)

ISBT — International Society of Blood Transfusion

GENDER CHARTER — Athena SWAN Silver Award

TEF Gold — Teaching Excellence Framework

Global Survey on Traceability

The deadline to complete the Global Traceability survey has been extended until **Sunday 08 December 2024** to allow wide participation around the world.

Joint RCPath-SHOT Symposium

Advances in Transfusion Medicine 2024 – Joint RCPath & SHOT Symposium

COLLEGE CONFERENCE   **20-21 November 2024**

The Joint Symposium on 20-21 November 2024 was a resounding success, with **over 800 participants** over the 2 days, from countries including: Argentina, Australia, Bahrain, Belgium, Brazil, Canada, Chile, Cyprus, Egypt, Ethiopia, France, Germany, Hong Kong SAR, India, Iraq, Ireland, Isle of Man, Italy, Jersey, Malaysia, Malta, Morocco, Netherlands, Nigeria, North Macedonia, Phillipines, Poland, Portugal, Qatar, Saudi Arabia, Spain, Singapore, Sweden, United Arab Emirates, United Kingdom and the United States.

Thank you to all the speakers, participants and organisers.