A vertical decorative strip on the left side of the slide, featuring a pattern of red blood cells of various sizes and orientations, rendered in shades of pink and red.

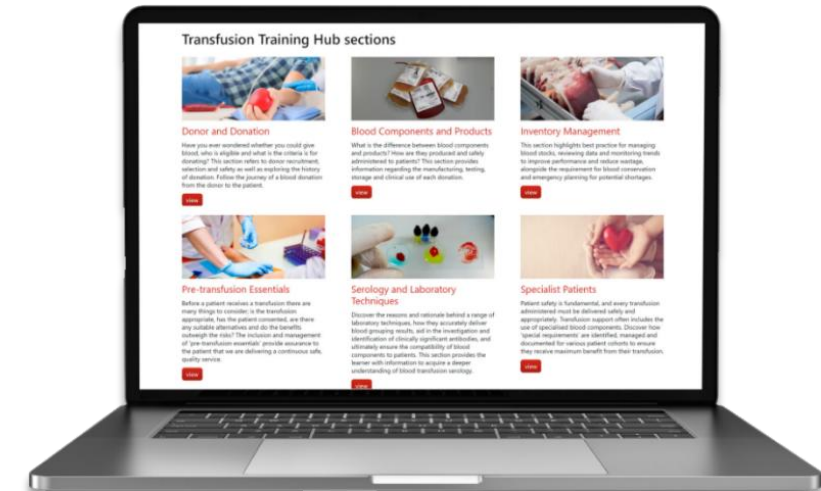
# Still 'Hub'sessed – *Empowering Biomedical Scientists to enhance patient care*

Jill Caulfield

Education Development Lead, NHSBT

IBMS Congress - September 2025

- Discussing the **Transfusion Training Hub** the ‘one stop shop’ of resources.
- *Why was it developed?*
- *How can it help Biomedical Scientists?*
- *How can it help with patient care?*





# From concept to delivery



Page | 1

**UK Transfusion Laboratory Collaborative** **United Kingdom Transfusion Laboratory Collaborative (UKTLC) Survey 2022** **SHOT** Serious Hazards of Transfusion

The UKTLC, working closely with key stakeholders, aims to influence positive changes within the transfusion community and enhance safety through promotion of best practice and addressing gaps identified in practices. UKTLC provides informed recommendations including staffing, qualifications, knowledge and skills, information technology and just culture within UK transfusion laboratories to promote staff and patient safety.

A biennial survey is sent out to all transfusion laboratories in the UK who report to the Serious Hazards of Transfusion (SHOT) haemovigilance scheme and is intended to represent a 'snapshot' of working conditions within the laboratory on a single day across UK.

The UKTLC standards have been revised for 2023, replacing the previous version (Chaffee *et al.*, 2014) and a full report will be published in Transfusion Medicine, an abbreviated version is viewable on the SHOT website: [www.shotuk.org/resources/current-resources/uktlc/](http://www.shotuk.org/resources/current-resources/uktlc/)

**UKTLC SURVEY 2022** **RESPONSES**

- Open 26 September to 9 December 2022
- Included 45 questions relating to a variety of laboratory activities
- One response per laboratory requested to assess the situation per lab rather than network or Trust
- There was a 49% response rate (74/151)
- 94.6% was completed by the Transfusion laboratory manager (TLM)
- 5.4% completed by TP, blood sciences manager, transfusion lead and deputy director of acute services

**KEY THEMES**

- 1. Staffing**  
↑Workload ↑Vacancies  
Difficulties in recruitment and retention
- 2. Qualifications, knowledge and skills**  
↑Difficulties training and maintaining competency  
↓Satisfaction with newly qualified HCPC registered BMS
- 3. Information Technology**  
Limited number of organisations with full vein-2-vein IT
- 4. A just culture**  
↑Ability to raise concerns ↑Learning from excellence  
↑Incorporating human factors in day to day practice

**Workload**

What is the percentage variation in current workload compared to previous year?

Workload Change	2015	2017	2019	2022
No change/negligible	17.9%	38.5%	28.6%	29.7%
Decrease in workload <50%	7.7%	3.3%	8.3%	9.5%
Decrease in workload >50%	1.0%	0.0%	0.0%	0.0%
Increase in workload <50%	57.0%	1.2%	46.7%	60.8%
Increase in workload >50%	1.9%	34.8%	0.0%	0.0%

Most laboratories have seen an increase in workload of <50%, few have seen a decrease. In general, the variation in workload has been similar over the years surveyed between 2015 and 2022, except for 2017 where 34.8% of respondents noted an increase greater than 50%.

National Blood Transfusion Committee and NHS Blood and Transplant **NHS**

## Transfusion 2024

A Five-year Plan for Clinical and Laboratory Transfusion

National Blood Transfusion Committee **NHS** Blood and Transplant

## Transfusion Training Hub

The **one stop shop** for transfusion education resources

Learn at your own pace  
in your own time

Discover links to valuable transfusion resources  
Visit [nationalbloodtransfusion.co.uk/transfusion-training-hub](http://nationalbloodtransfusion.co.uk/transfusion-training-hub)  
or scan the QR code



UK Transfusion  
Laboratory  
Collaborative

# UKTLC Survey 2022

NHS

Blood and Transplant



## What did it show?

- The UK Transfusion Laboratory Collaborative (UKTLC) Survey was carried out in Dec 2022.
- There were 45 questions relating to various topics including staffing, IT, just culture and qualifications, knowledge and skills.
- **Key findings for knowledge and skills:**

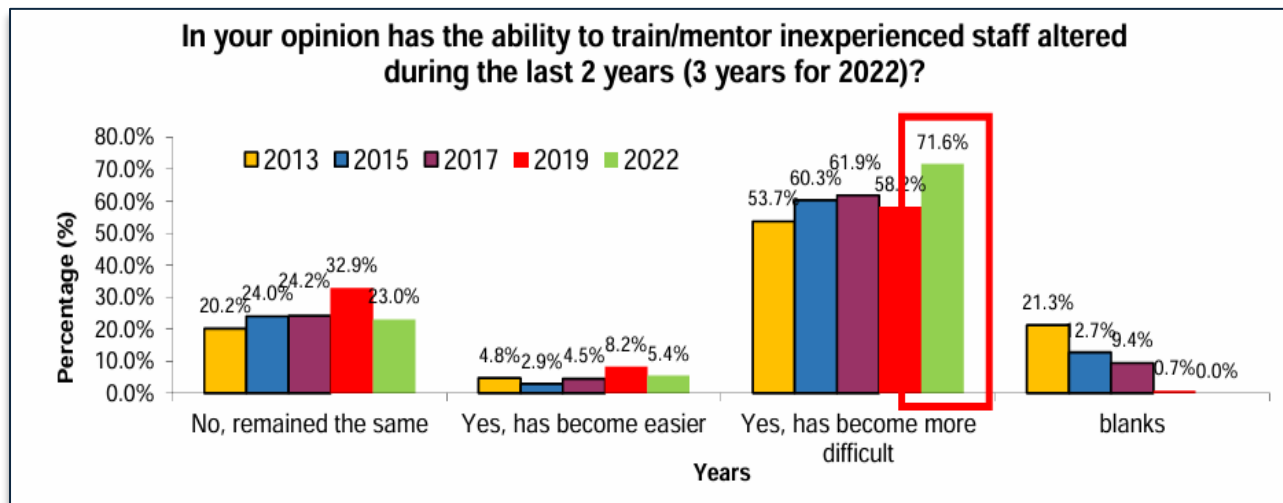


# UKTLC Survey 2022



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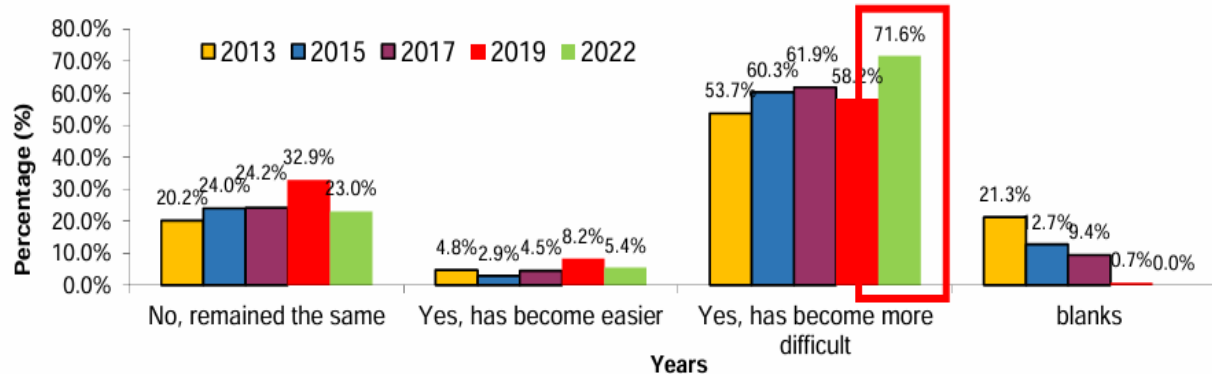




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In your opinion has the ability to train/mentor inexperienced staff altered during the last 2 years (3 years for 2022)?



- 71.6% of laboratories had stated that within the last 2 years it had **become more difficult to train/mentor staff.**

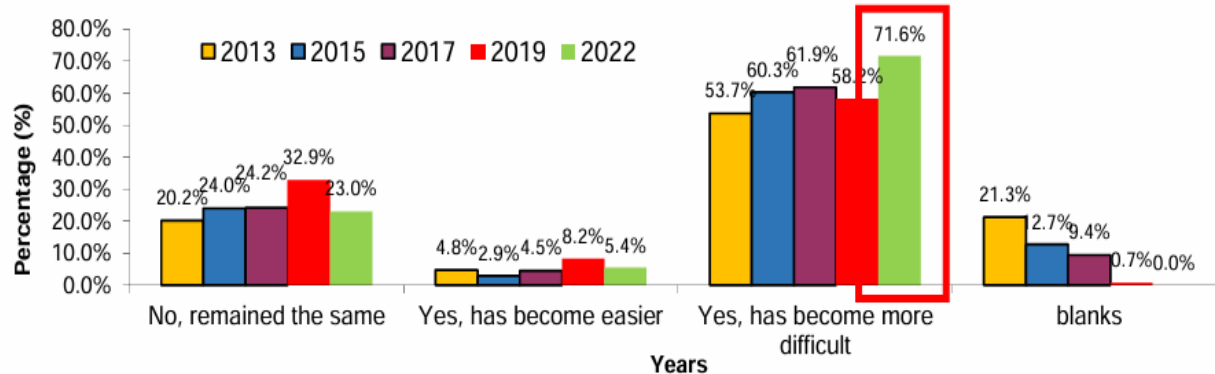




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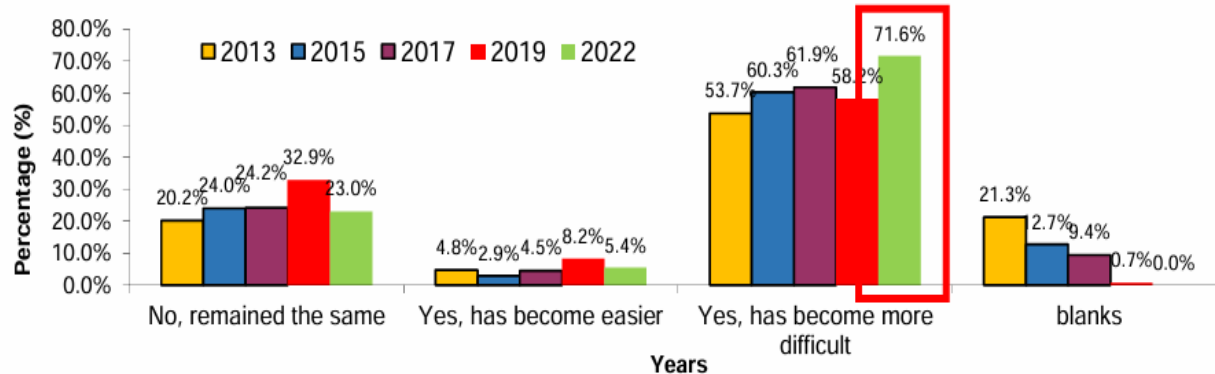
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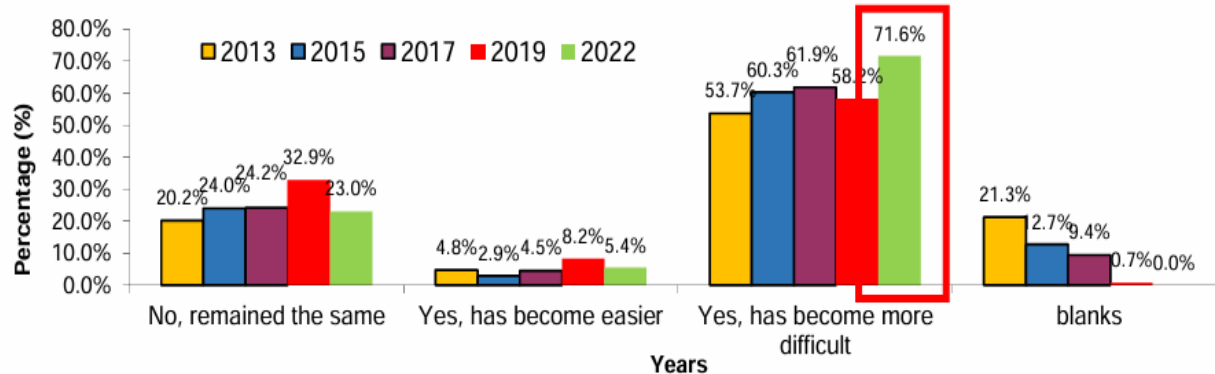




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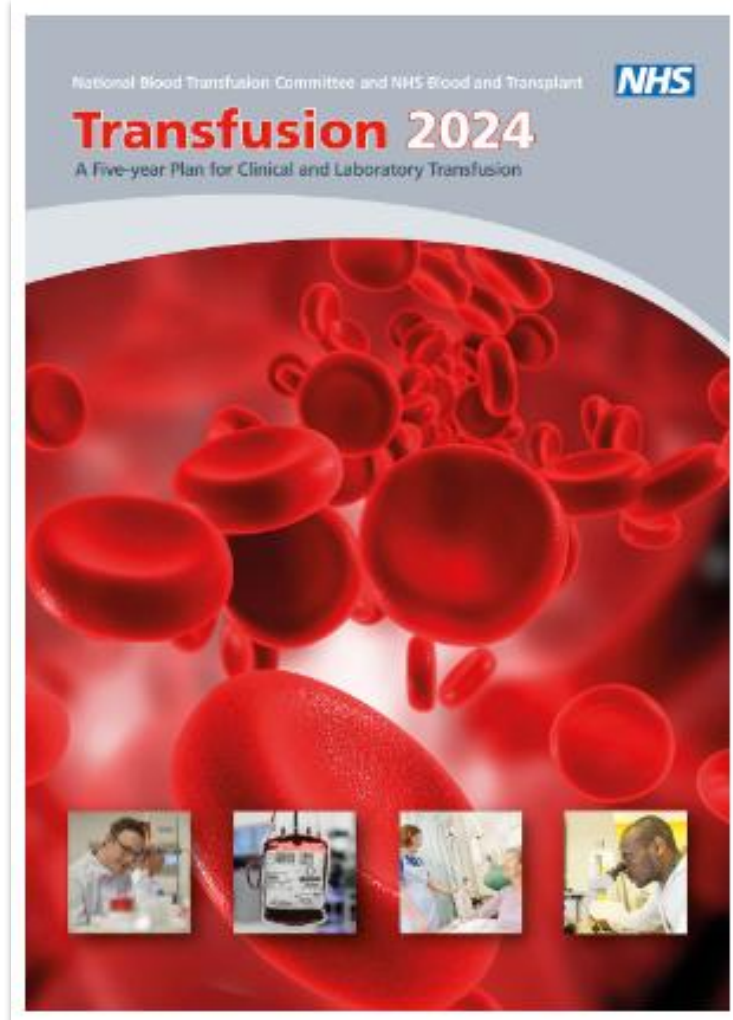
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- Respondents keen to have **more access to technology to aid self-directed learning** for staff in training.

- **Recommendation: UKTLC in conjunction with other professional organisations should consider providing interactive tools and resources that could be used to support self-directed learning in the workplace.**

# Collaboration – UKTLC / NHSBT



Stronger Patient Blood Management  
Collaboration



Increased Transfusion Laboratory Safety

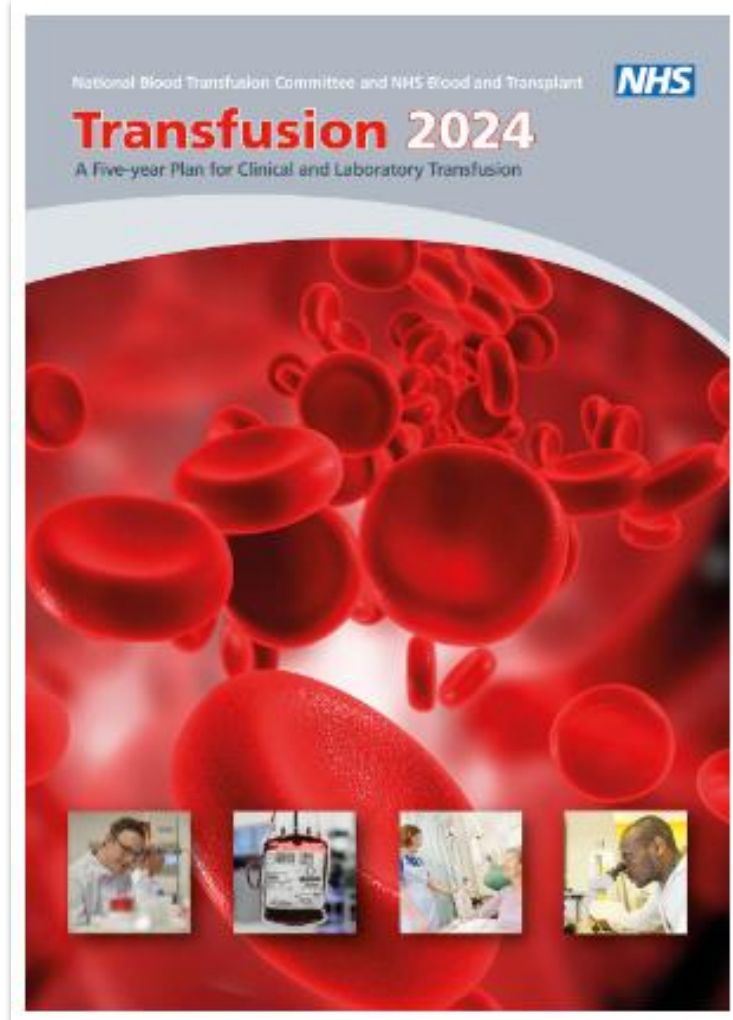


Enhanced Information Technology



Further Research and Innovation

# Collaboration – UKTLC / NHSBT



Stronger Patient Blood Management  
Collaboration



Increased Transfusion Laboratory Safety



Enhanced Information Technology



Further Research and Innovation

# The project

*To develop a 'one stop shop' of transfusion education resources*

# The project


*To develop a 'one stop shop' of transfusion education resources*

## What tools did I have?

# The project

*To develop a ‘one stop shop’ of transfusion education resources*

## What tools did I have?



Spreadsheet of resources				
				



# The project

*To develop a 'one stop shop' of transfusion education resources*




## What tools did I have?

Spreadsheet of resources	Team of experts from NHSBT, SHOT, NBTC			
				

# The project

*To develop a 'one stop shop' of transfusion education resources*



## What tools did I have?

Spreadsheet of resources	Team of experts from NHSBT, SHOT, NBTC	Scientific knowledge		
				

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*To develop a 'one stop shop' of transfusion education resources*






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# The project

*To develop a 'one stop shop' of transfusion education resources*

## What tools did I have?

Spreadsheet of resources	Team of experts from NHSBT, SHOT, NBTC	Scientific knowledge	Idea of what it could look like	Understanding of challenges training in the lab
				

# What did we need it to do?



Aid with the training burden – but how?



# What did we need it to do?



Aid with the training burden – but how?



Direct the user to the right resource quickly – easy to navigate





# What did we need it to do?



Aid with the training burden – but how?



Direct the user to the right resource quickly – easy to navigate



Have a selection of proven resources (relevant and up to date)



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Have a selection of proven resources (relevant and up to date)



Signpost useful qualifications and courses – maybe show the user the level of each qualification to aid in career progression or CPD



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Have a variety of resources to compliment different learning styles



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Have a variety of resources to compliment different learning styles



To be inclusive – primarily scientists, but useful to other healthcare practitioners, donors and patients



# How can we make it inclusive?



## Scientists

Visited colleagues

Piloted the webpage

Gathered feedback



## Clinicians

Education  
working/steering group

Input into the links to  
include

Approved resources



## Practitioners

Input from Transfusion  
Practitioners

What would be useful?

Applicable resources



## Donors

NHSBT website

Key elements

How and why to  
donate



## Patients

Worked with PPI Lead

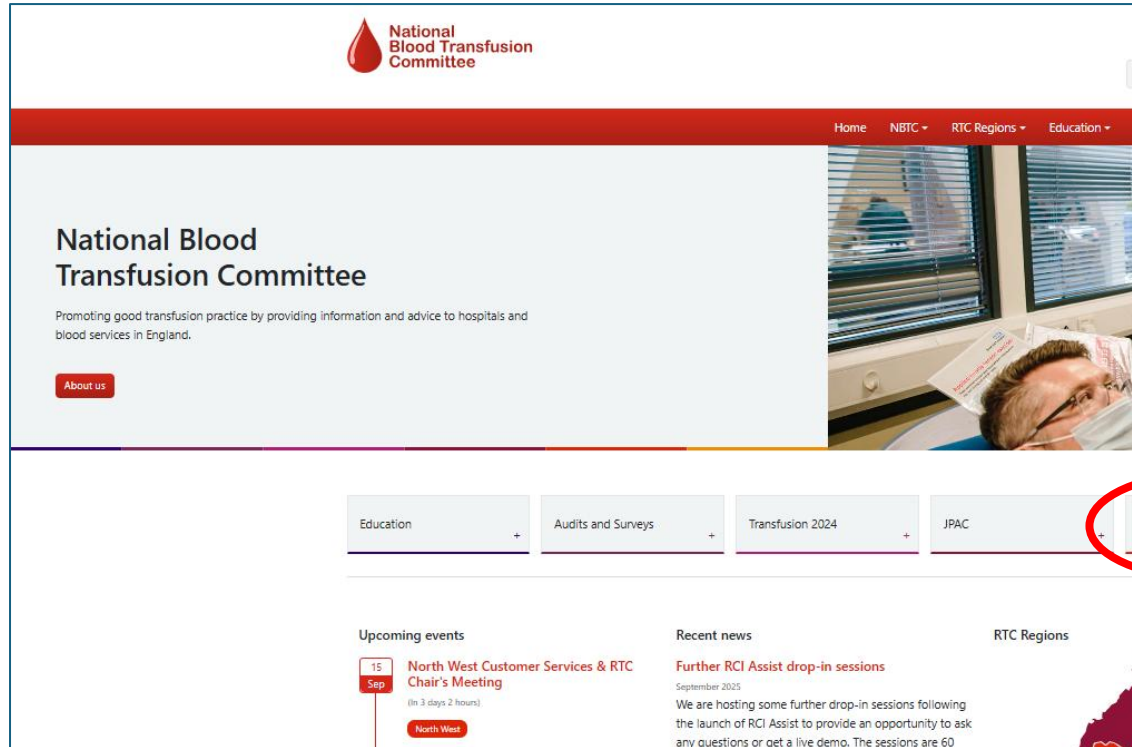
Added more inclusive  
information

Not just scientific!

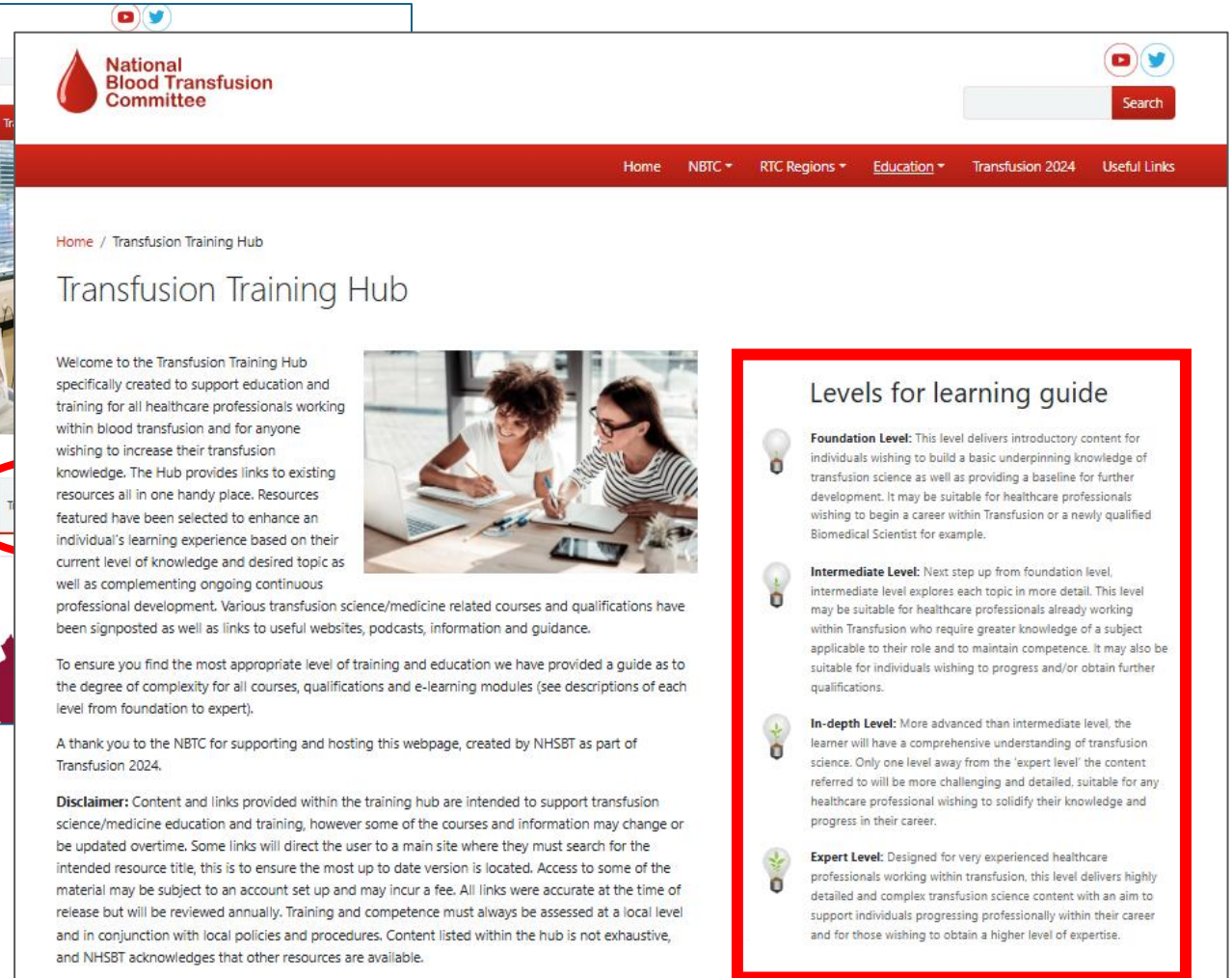


# How can it make a difference?

Let's look at what the Transfusion Training Hub has to offer.....



The screenshot shows the homepage of the National Blood Transfusion Committee. The header includes the NHS logo and the committee's name. A navigation bar contains links for Home, NBTC, RTC Regions, Education, and Transfusion 2024. The main content area features a large image of a person in a lab coat and a red button labeled 'About us'. Below this, there are four tabs: Education, Audits and Surveys, Transfusion 2024, and JPAC. The 'Transfusion 2024' tab is highlighted with a red circle. The bottom section is divided into 'Upcoming events' and 'Recent news'. The 'Upcoming events' section lists a 'North West Customer Services & RTC Chair's Meeting' on 15 Sep. The 'Recent news' section mentions 'Further RCI Assist drop-in sessions' in September 2025.



The screenshot shows the 'Transfusion Training Hub' page. The header is similar to the first screenshot but includes a search bar. The main heading is 'Transfusion Training Hub'. Below this, there is a welcome message and a paragraph explaining the hub's purpose. A photo of two people working at a desk is shown. To the right, there is a 'Levels for learning guide' section, which is highlighted with a red border. This section lists four levels: Foundation Level, Intermediate Level, In-depth Level, and Expert Level, each with a brief description. The 'Foundation Level' is described as introductory content for individuals wishing to build a basic understanding. The 'Intermediate Level' is for those with some experience. The 'In-depth Level' is for those with a comprehensive understanding. The 'Expert Level' is for very experienced professionals. The bottom of the page includes a disclaimer and a thank you message.

## Transfusion Training Hub

Welcome to the Transfusion Training Hub specifically created to support education and training for all healthcare professionals working within blood transfusion and for anyone wishing to increase their transfusion knowledge. The Hub provides links to existing resources all in one handy place. Resources featured have been selected to enhance an individual's learning experience based on their current level of knowledge and desired topic as well as complementing ongoing continuous professional development. Various transfusion science/medicine related courses and qualifications have been signposted as well as links to useful websites, podcasts, information and guidance.

To ensure you find the most appropriate level of training and education we have provided a guide as to the degree of complexity for all courses, qualifications and e-learning modules (see descriptions of each level from foundation to expert).

A thank you to the NBTC for supporting and hosting this webpage, created by NHSBT as part of Transfusion 2024.

**Disclaimer:** Content and links provided within the training hub are intended to support transfusion science/medicine education and training, however some of the courses and information may change or be updated overtime. Some links will direct the user to a main site where they must search for the intended resource title, this is to ensure the most up to date version is located. Access to some of the material may be subject to an account set up and may incur a fee. All links were accurate at the time of release but will be reviewed annually. Training and competence must always be assessed at a local level and in conjunction with local policies and procedures. Content listed within the hub is not exhaustive, and NHSBT acknowledges that other resources are available.

### Levels for learning guide

- Foundation Level:** This level delivers introductory content for individuals wishing to build a basic understanding of transfusion science as well as providing a baseline for further development. It may be suitable for healthcare professionals wishing to begin a career within Transfusion or a newly qualified Biomedical Scientist for example.
- Intermediate Level:** Next step up from foundation level, intermediate level explores each topic in more detail. This level may be suitable for healthcare professionals already working within Transfusion who require greater knowledge of a subject applicable to their role and to maintain competence. It may also be suitable for individuals wishing to progress and/or obtain further qualifications.
- In-depth Level:** More advanced than intermediate level, the learner will have a comprehensive understanding of transfusion science. Only one level away from the 'expert level' the content referred to will be more challenging and detailed, suitable for any healthcare professional wishing to solidify their knowledge and progress in their career.
- Expert Level:** Designed for very experienced healthcare professionals working within transfusion, this level delivers highly detailed and complex transfusion science content with an aim to support individuals progressing professionally within their career and for those wishing to obtain a higher level of expertise.



# Levels for learning guide



**FOUNDATION : Introductory content** for individuals wishing to build a basic underpinning knowledge

Suitable for a **newly qualified Biomedical Scientist** for example.

# Levels for learning guide



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Suitable for individuals **wishing to progress** and/or obtain further qualifications.

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Suitable for any healthcare professional wishing to **solidify their knowledge** and progress in their career.



**EXPERT : Very experienced healthcare professionals.** Detailed and complex transfusion science content.

Supports individuals progressing professionally and for those wishing to obtain a **higher level of expertise**.

# 9 sections



Search

Home NBTC RTC Regions Education Transfusion 2024 Useful Links

Home / Transfusion Training Hub

## Transfusion Training Hub

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### Transfusion Training Hub sections



#### Donor and Donation

Have you ever wondered whether you could give blood, who is eligible and what is the criteria is for donating? This section refers to donor recruitment, selection and safety as well as exploring the history of donation. Follow the journey of a blood donation from the donor to the patient.

[view](#)



#### Blood Components and Products

What is the difference between blood components and products? How are they produced and safely administered to patients? This section provides information regarding the manufacturing, testing, storage and clinical use of each donation.

[view](#)



#### Inventory Management

This section highlights best practice for managing blood stocks, reviewing data and monitoring trends to improve performance and reduce wastage, alongside the requirement for blood conservation and emergency planning for potential shortages.

[view](#)



#### Pre-transfusion Essentials

Before a patient receives a transfusion there are many things to consider. Is the transfusion appropriate, has the patient consented, are there any suitable alternatives and do the benefits outweigh the risks? The inclusion and management of 'pre transfusion essentials' provide assurance to the patient that we are delivering a continuous safe, quality service.

[view](#)



#### Serology and Laboratory Techniques

Discover the reasons and rationale behind a range of laboratory techniques, how they accurately deliver blood grouping results, aid in the investigation and identification of clinically significant antibodies, and ultimately ensure the compatibility of blood components to patients. This section provides the learner with information to acquire a deeper understanding of blood transfusion serology.

[view](#)



#### Specialist Patients

Patient safety is fundamental, and every transfusion administered must be delivered safely and appropriately. Transfusion support often includes the use of specialised blood components. Discover how 'special requirements' are identified, managed and documented for various patient cohorts to ensure they receive maximum benefit from their transfusion.

[view](#)



#### Serious Adverse Reactions and Events (Incident Management)

Although blood transfusions save lives and improve clinical outcomes for patients, there is always an associated element of risk involved. Haemovigilance is the systematic surveillance of adverse reactions and events related to transfusion where the aim is to learn from such occurrences to improve transfusion safety. Discover how to avoid or reduce the risks and how to manage a serious adverse reaction or event appropriately.

[view](#)



#### Governance and Regulation

Blood establishments (transfusion centres) and laboratories are overseen by several regulatory agencies and organisations to ensure the continual provision of a safe quality product as well as delivering the highest level of care to patients. Discover more about the requirements imposed upon these services and how they are put into everyday practice. Explore the standards that must be achieved to receive accreditation status as well as maintaining a fully competent workforce.

[view](#)



#### Career Progression and Professional Development

This section provides links to academic courses and qualifications as well as further supportive educational tools and training to help individuals develop further skills or obtain qualifications required to progress in their career.

[view](#)

# How can it make a difference?

## Scenario 1

New band 5 / Trainee / apprentice / AP (band 4)

No/limited hospital lab experience





# How can it make a difference?

## Scenario 1

What were the challenges?



Lack of time



# How can it make a difference?

## Scenario 1

What were the challenges?



Lack of time



Lack of budget



# How can it make a difference?

## Scenario 1

What were the challenges?



Lack of time



Lack of budget



Different learning styles



# How can it make a difference?

## Scenario 1

What were the challenges?



Lack of time



Lack of budget



Different learning styles



Portfolio to complete



# How can it make a difference?

## Scenario 1

What were the challenges?



Lack of time



Lack of budget



Different learning styles



Portfolio to complete



Lack of knowledge



# How can it make a difference?

## Scenario 1



### Lack of time

- Topics divided into 9 sections
- Search function
- Proven list of resources – direct links
- Various media dependant on time available eg: video, document, podcast
- Available 24/7
- Hosted on an open platform – web based





# How can it make a difference?

## Scenario 1

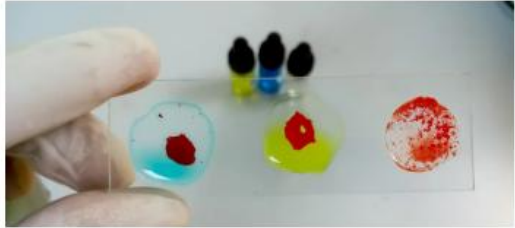


### Lack of budget

- Some qualifications require payment
- Many free resources signposted
- Reduces requirement to travel / hotel



# Free resources signposted



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view



E-learning



Online Education



Home / Transfusion Training Hub / Serology and Laboratory Techniques / Transfusion Training Hub

## Serology and Laboratory Techniques - E-learning

### E-learning

NHS England e-learning for healthcare - Blood Transfusion  
An introduction to Transfusion laboratory practice

<https://www.e-lfh.org.uk/programmes/blood-transfusion/>



NHS England e-learning for healthcare - Blood Transfusion  
Essential Transfusion Practice

<https://www.e-lfh.org.uk/programmes/blood-transfusion/>



NHS Blood and Transplant - Specific requirements for patient essentials

<https://learninghub.nhs.uk/catalogue/NHSBT-Learning-Zone?nodeId=4707>



Home / Transfusion Training Hub / Serology and Laboratory Techniques / Transfusion Training Hub

## Serology and Laboratory Techniques - Online Education

### Online Education

London RTC Education Session - Rh variants and tricky transfusion: a case presentation

<https://www.youtube.com/watch?v=K1JlvdaDApY&list=PL8lwhkGegrQ6EcNDPYeaVCwED9t0O...>

NHS Blood and Transplant - Blood Transfusion Education and Discussion Group - A transfusion laboratory perspective of Autoimmune Haemolytic Anaemia

[https://youtu.be/Llgc5lvAqSU?list=PL8lwhkGegrQ7\\_k5bb6wqgXIMexCNFpBop](https://youtu.be/Llgc5lvAqSU?list=PL8lwhkGegrQ7_k5bb6wqgXIMexCNFpBop)

NHS Blood and Transplant - Blood Transfusion Education and Discussion Group - Antibody Identification - is it a bunch of hocus pocus?

[https://youtu.be/1IXWNKXuj4s?list=PL8lwhkGegrQ7\\_k5bb6wqgXIMexCNFpBop](https://youtu.be/1IXWNKXuj4s?list=PL8lwhkGegrQ7_k5bb6wqgXIMexCNFpBop)

NHS Blood and Transplant - Blood Transfusion Education and Discussion Group - Blood that is rare - Who, What and Where?

[https://youtu.be/fZUJON8-Cc8?list=PL8lwhkGegrQ7\\_k5bb6wqgXIMexCNFpBop](https://youtu.be/fZUJON8-Cc8?list=PL8lwhkGegrQ7_k5bb6wqgXIMexCNFpBop)

# How can it make a difference?

## Scenario 1



### Different learning styles

- Different methods of learning...
- Visual, auditory, reading, writing, reflective, hands on



# Various modes of delivery

## Visual



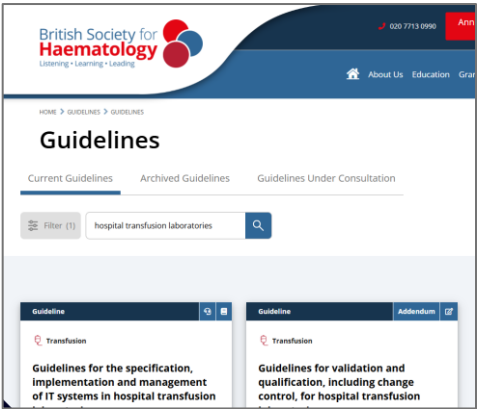
# Various modes of delivery



## Visual



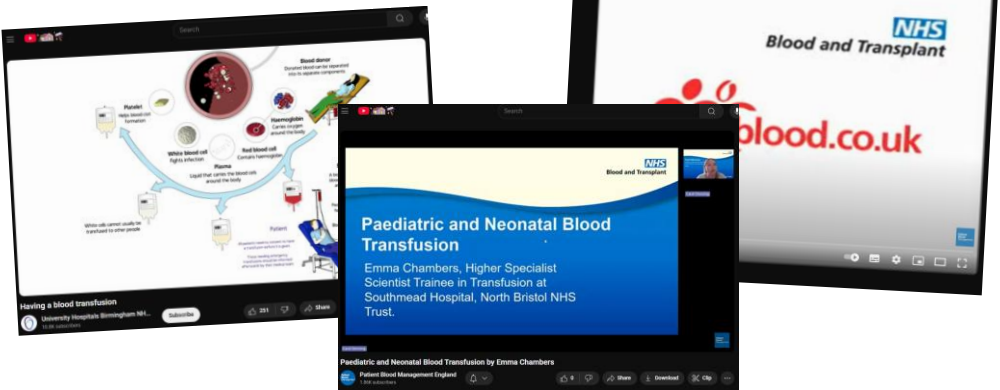
## Read/write



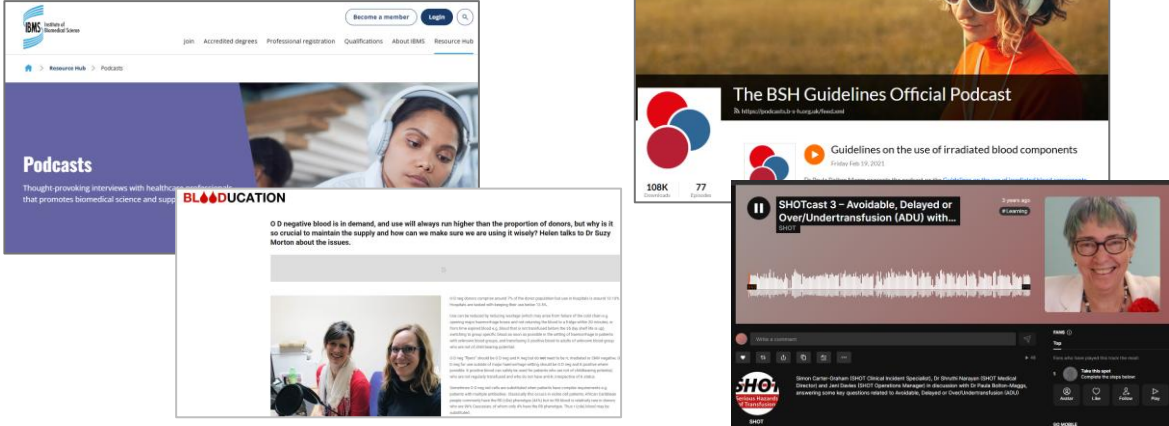
# Various modes of delivery



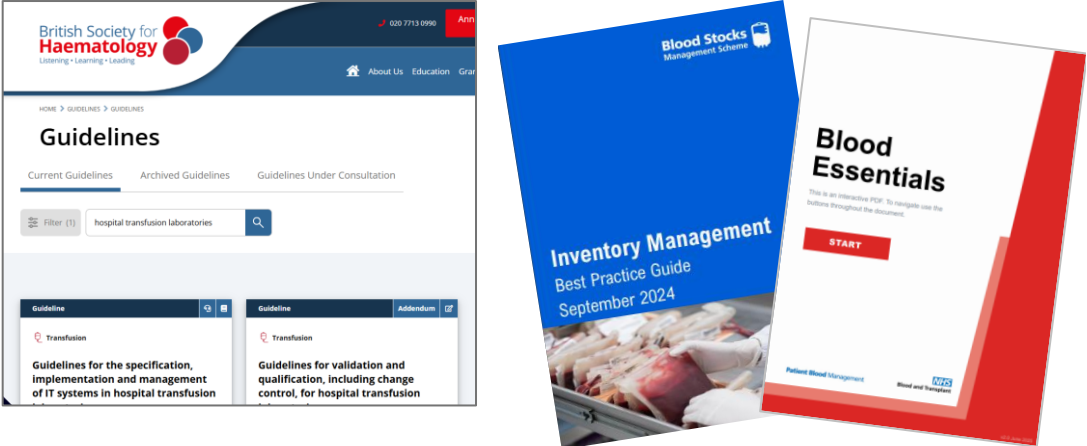
## Visual



## Auditory



## Read/write

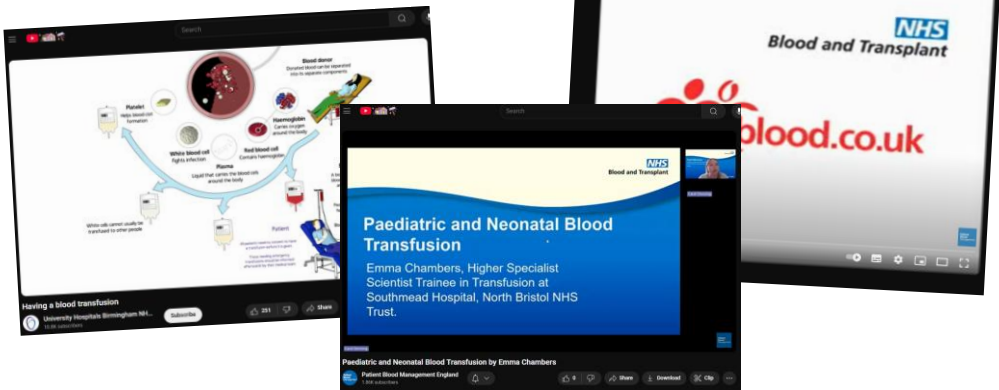




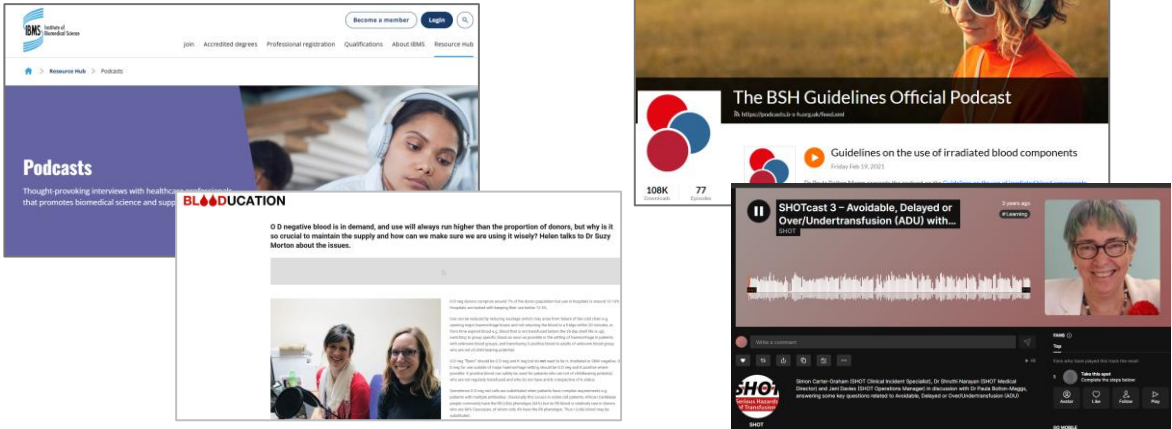
# Various modes of delivery



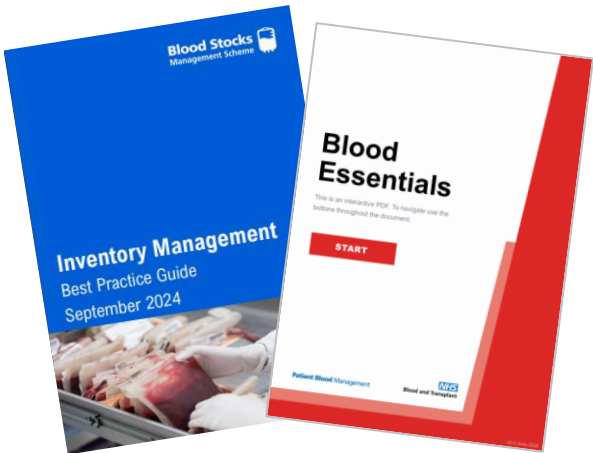
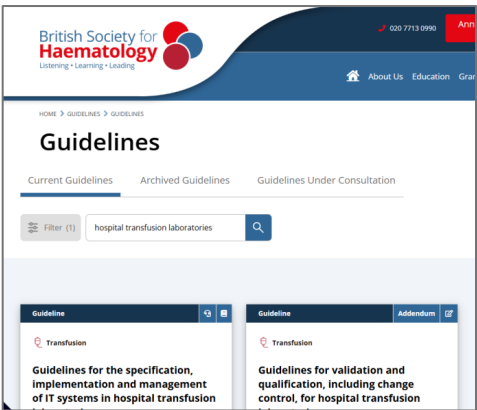
## Visual



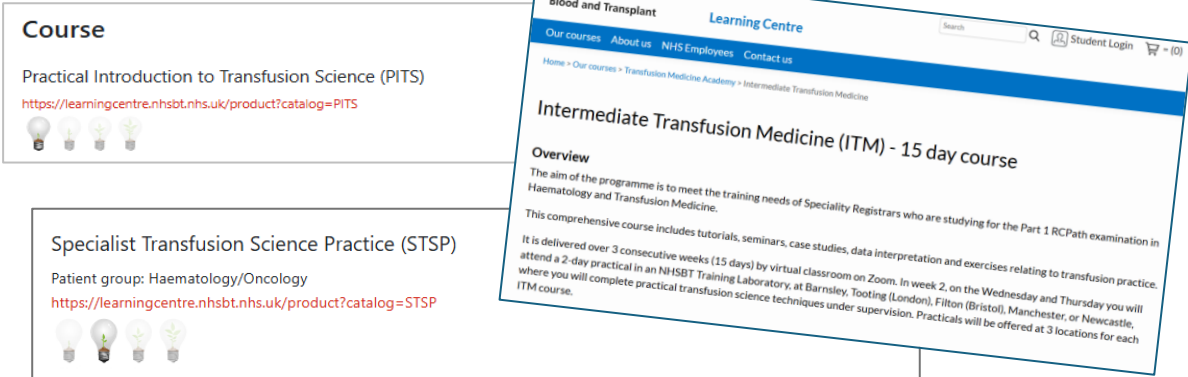
## Auditory



## Read/write



## Kinesthetic (hands-on)



# How can it make a difference?

## Scenario 1



## Portfolio to complete

- Information to help meet portfolio standards



# Free resources signposted

## V5 Portfolio – learning outcomes

- *Module 1 – personal responsibility and development*
  - Understand what is required of them by the Health and Care Professions Council, including their ability to apply legislation, policies and guidance relevant to biomedical scientists within their scope of practice.



### Career Progression and Professional Development

This section provides links to academic courses and qualifications as well as further supportive educational tools and training to help individuals develop further skills or obtain qualifications required to progress in their career.

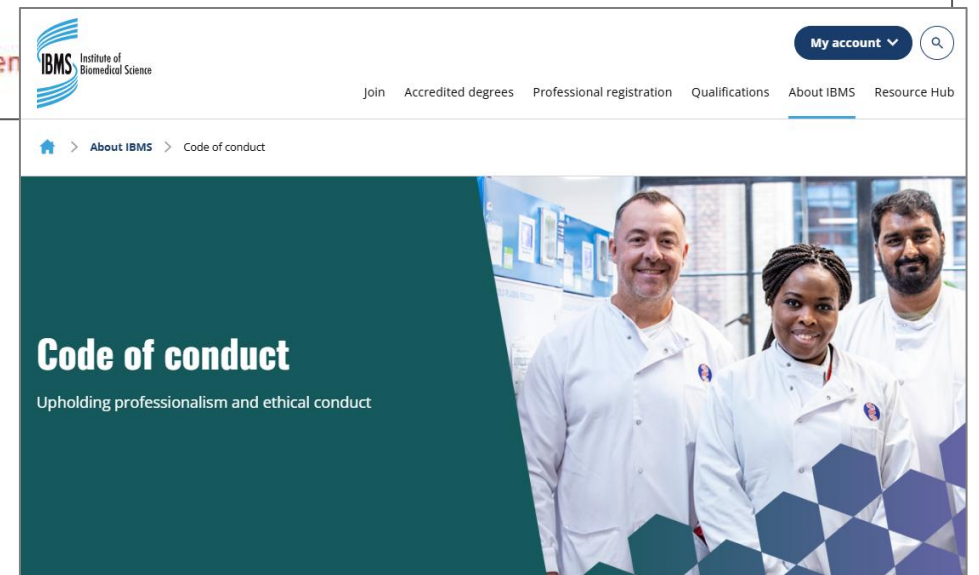
[view](#)

### Health and Care Professions Council (HCPC) - The standards of proficiency for Biomedical Scientists

<https://www.hcpc-uk.org/standards/standards-of-proficiency>



Website



# Free resources signposted

## V5 Portfolio – learning outcomes

- *Module 2 – Equality, diversity and inclusion*
  - Acknowledge the rights, dignity and values of others and actively challenge barriers to inclusion in their practice.



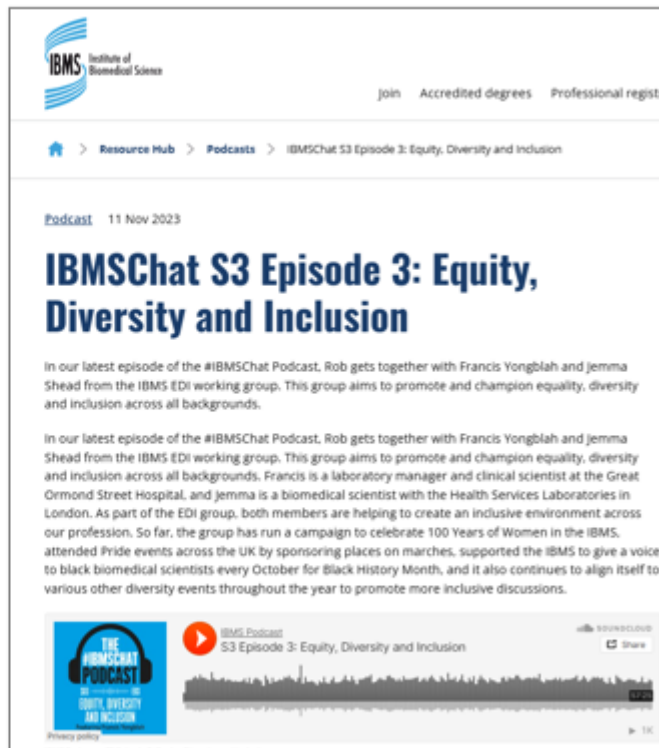
### Governance and Regulation

Blood establishments (transfusion centres) and laboratories are overseen by several regulatory agencies and organisations to ensure the continual provision of a safe quality product as well as delivering the highest level of care to patients. Discover more about the requirements imposed upon these services and how they are put into everyday practice. Explore the standards that must be achieved to receive accreditation status as well as maintaining a fully competent workforce.

view



Podcasts



IBMS Institute of Biomedical Science

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Resource Hub Podcasts IBMSChat S3 Episode 3: Equity, Diversity and Inclusion

Podcast 11 Nov 2023

### IBMSChat S3 Episode 3: Equity, Diversity and Inclusion

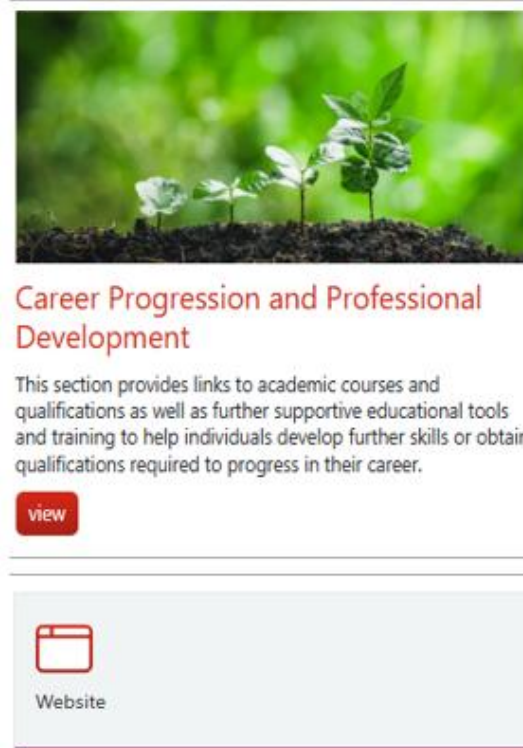
In our latest episode of the #IBMSChat Podcast, Rob gets together with Francis Yongblah and Jemma Shead from the IBMS EDI working group. This group aims to promote and champion equality, diversity and inclusion across all backgrounds.

In our latest episode of the #IBMSChat Podcast, Rob gets together with Francis Yongblah and Jemma Shead from the IBMS EDI working group. This group aims to promote and champion equality, diversity and inclusion across all backgrounds. Francis is a laboratory manager and clinical scientist at the Great Ormond Street Hospital, and Jemma is a biomedical scientist with the Health Services Laboratories in London. As part of the EDI group, both members are helping to create an inclusive environment across our profession. So far, the group has run a campaign to celebrate 100 Years of Women in the IBMS, attended Pride events across the UK by sponsoring places on marches, supported the IBMS to give a voice to black biomedical scientists every October for Black History Month, and it also continues to align itself to various other diversity events throughout the year to promote more inclusive discussions.

THE IBMSCHAT PODCAST  
EPISODE 3: EQUITY, DIVERSITY AND INCLUSION

IBMS Podcast S3 Episode 3: Equity, Diversity and Inclusion

Website



Career Progression and Professional Development

This section provides links to academic courses and qualifications as well as further supportive educational tools and training to help individuals develop further skills or obtain qualifications required to progress in their career.

view

Website



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About IBMS Equity, Diversity and Inclusion

### Equity, Diversity and Inclusion

Championing Equity, Diversity and Inclusion in Biomedical Science



# How can it make a difference?

## Scenario 2

Experienced band 6

- Specialising
- Qualifications to progress
- Enhance their knowledge



# How can it make a difference?

## Scenario 2

Experienced band 6

- Specialising
- Qualifications to progress
- Enhance their knowledge



Free webinars!





# How can it make a difference?

## Scenario 2

Experienced band 6

- Specialising
- Qualifications to progress
- Enhance their knowledge



Free webinars!



### BSMS Education Day

Introduction to smarter inventory management

Free 1 day online course for state registered healthcare professionals provided by the Blood Stocks Management Scheme team.

Course content includes:

- Understanding the role of Blood Stocks Management Scheme – Aims and objectives and how we fit into the supply chain.
- VANESA – Features and navigation of the web-based data management system, employed by BSMS. Includes a live demo.
- Understanding your nominal stock, issuable stock index (ISI) and WAPI.
- Considerations for setting appropriate stock levels.
- Ordering patterns and management of stocks.
- Discussion around the reasons and types of wastage.
- Challenges within the blood supply chain including forecasting and demand planning.
- Vulnerable components and employing best practice.
- Understanding your monthly component report.
- Participation in scenario-based case studies with the use of the VEOX voting app.
- Questionnaire and self-assessment.
- NEW- IBMS Haematology/Transfusion Specialist Portfolio evidence workbook.

**Dates:**

- Thursday 27th March 2025
- Thursday 26th June 2025
- Thursday 18th September 2025
- Thursday 27th November 2025

(course runs 10am – 3pm)

Please register your interest at [BSMS@nhs.uk](mailto:BSMS@nhs.uk). Provide your contact details, job title and the date you can attend. You will be contacted by member of the BSMS when a space has been secured.

# How can it make a difference?

## Scenario 2

### Experienced band 6

- Specialising
- Qualifications to progress
- Enhance their knowledge

#### Higher Specialist Diploma (HSD) Transfusion Science

<https://www.ibms.org/education/higher-and-expert-qualifications/highest-special...>



#### Specialist Certificate in Transfusion Science Practice

<https://www.bbts.org.uk/education/bbtsqualifications/specialistcerttp/>



#### University of the West of England - Bristol (UWE) - MSc in Applied Transfusion and Transplantation Science

<https://courses.uwe.ac.uk/C99S12/applied-transfusion-and-transplantation-science>



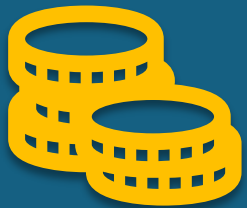
# How can it make a difference?

## Scenario 2

### Experienced band 6

- Specialising
- Qualifications to progress
- Enhance their knowledge

These cost money;  
however, they are  
proven, good  
quality, recognised  
qualifications.



#### Higher Specialist Diploma (HSD) Transfusion Science

<https://www.ibms.org/education/higher-and-expert-qualifications/highest-special...>



#### Specialist Certificate in Transfusion Science Practice

<https://www.bbts.org.uk/education/bbtsqualifications/specialistcertsp/>



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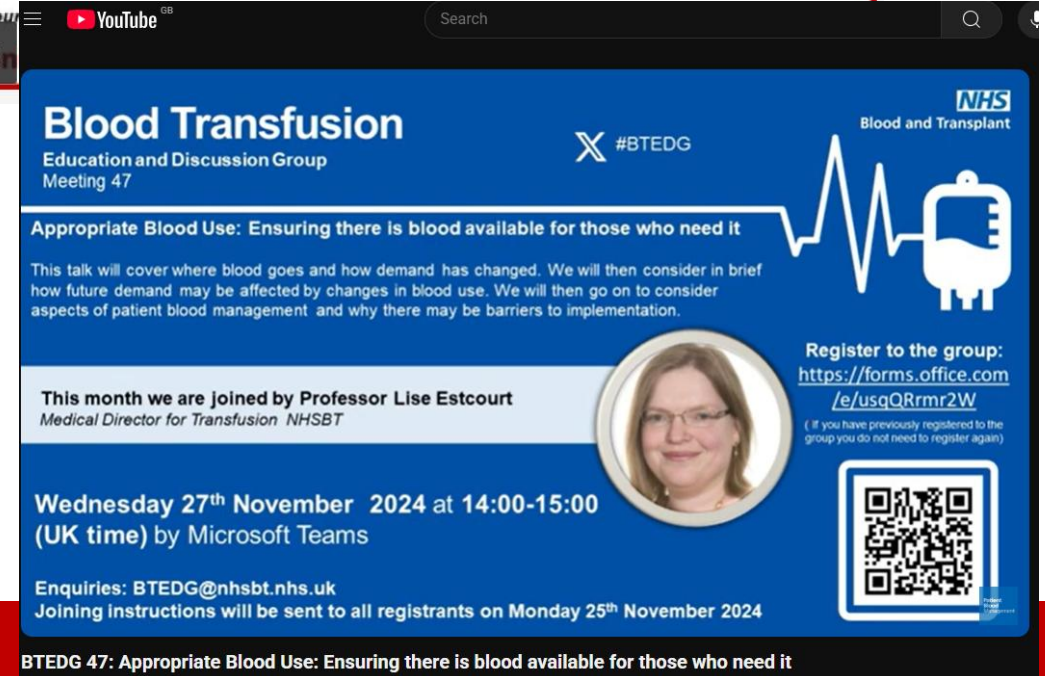


# How can it make a difference?

## Scenario 2

### Experienced band 6

- Specialising
- Qualifications to progress
- Enhance their knowledge





# How can it make a difference?

## Scenario 3

Experienced band 7 / training officer

- Understand regulation / guidelines
- Qualifications to progress
- Training others / new skills



# How can it make a difference?

## Scenario 3

Experienced band 7 / training officer

- Understand regulation / guidelines



### Governance and Regulation

Blood establishments (transfusion centres) and laboratories are overseen by several regulatory agencies and organisations to ensure the continual provision of a safe quality product as well as delivering the highest level of care to patients. Discover more about the requirements imposed upon these services and how they are put into everyday practice. Explore the standards that must be achieved to receive accreditation status as well as maintaining a fully competent workforce.

[view](#)



Course

+

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[Home](#) > [Training and advisory](#) > [Training](#) > [Medical Laboratories Awareness – ISO 15189:2022 course](#)

## Medical Laboratories Awareness – ISO 15189:2022 course

[Book now](#) [Enquire](#)

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Enhance your understanding of how the organisational processes of medical laboratories can be improved by meeting the requirements of ISO 15189:2022 and its focus on clinical utility, obligations to the patient and risk management in this highly interactive blended course (2 days classroom and approx 1 day coursework).

This course is designed for organisations embarking on their accreditation journey for diagnostic examination and testing in the laboratory and will support delegate understanding of the new ISO 15189:2022 standard, relating to the competence and quality of Medical Laboratories.

### Who is this course for?

This course is designed for any individuals responsible for, and involved in, the quality and/or technical support activities relating to medical sample examination and result generation activities within their organisation.



# How can it make a difference?

## Scenario 3

Experienced band 7 / training officer

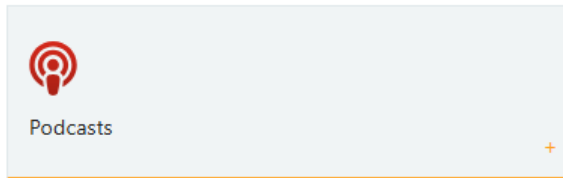
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### Governance and Regulation

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[view](#)





Institute of  
Biomedical Science


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[Home](#) > [Resource Hub](#) > [Podcasts](#) > IBMS BioPod Episode 6 - UKAS Accreditation


[Podcast](#) 01 Apr 2020

## IBMS BioPod Episode 6 - UKAS Accreditation


UKAS's Ben Courtney and laboratory manager Debra Padgett discussing UKAS accreditation.




**IBMS BIOPOD**  
The biomedical science podcast  
Episode 6  
**UKAS Accreditation**  
Featuring  
Debra Padgett & Ben Courtney  
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27:36

▶ 891


IBMSPOD - Podcast V6 UKAS Accreditation

### Related topics

IBMS Accredited

**NHS**

Blood and Transplant



Transfusion 2024

# How can it make a difference?

## Scenario 3

Experienced band 7 / training officer

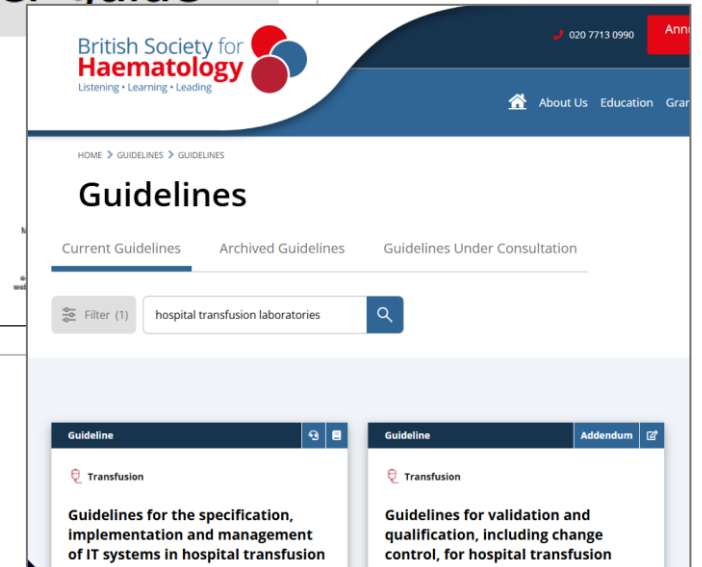
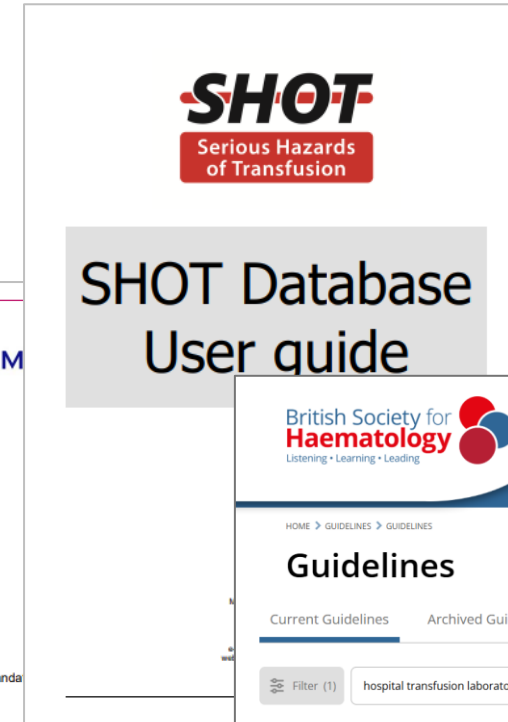
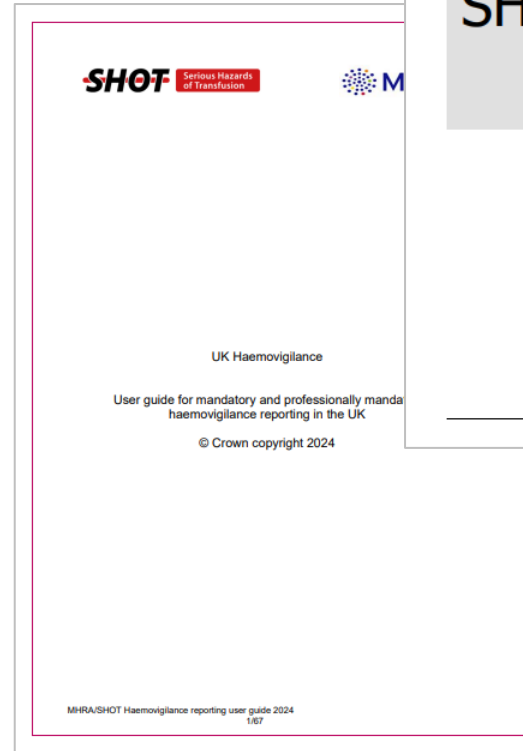
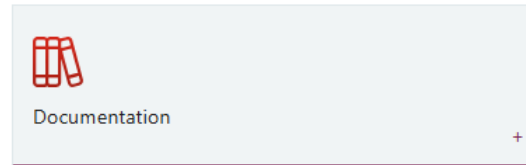
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[view](#)



# How can it make a difference?

## Scenario 3

Experienced band 7 / training officer

- Understand regulation / guidelines
- Qualifications to progress
- Training others / new skills



### Career Progression and Professional Development

This section provides links to academic courses and qualifications as well as further supportive educational tools and training to help individuals develop further skills or obtain qualifications required to progress in their career.

view

RCPATH - Transfusion Science - Higher Specialist Scientific Training (HSST)

<https://www.rcpath.org/trainees/training/training-by-specialty/clinical-and-lab...>

The Royal College of Pathologists  
Pathology: the science behind the cure

## Certificate of Expert Practice

For biomedical scientists at Member or Fellow level with at least two years of post-registration experience to specialise and demonstrate their knowledge and skill

### Advance your career with an IBMS professional qualification

Overview	Assessment	Applying
<p>The IBMS Certificate of Expert Practice (CEP) Distance Learning courses are online qualifications designed for biomedical scientists at Member (MIBMS) or Fellow (FIBMS) level with at least two years of post-registration experience.</p> <p>These qualifications allow you to specialise in:</p> <ul style="list-style-type: none"><li>• Laboratory IT and Clinical Informatics</li><li>• Leadership and Management</li><li>• Point of Care Testing</li><li>• Quality Management</li><li>• Training</li></ul>		

# How can it make a difference?

## Scenario 3

Experienced band 7 / training officer

- Understand regulation / guidelines
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NHS Leadership Academy

Programmes – Leadership Academy

**EDWARD JENNER PROGRAMME**

Want to get ready for your first leadership or management role? The Edward Jenner programme will build your foundation-level leadership skills

A self-guided suite of short courses. Online with interactive discussions

[Find out more about the programme](#)

**MARY SEACOLE PROGRAMME**

If you're in your first leadership role, the Mary Seacole programme will develop your knowledge and skills in leadership and management

100 hours of online learning plus three behavioural workshops

[Find out more about the programme](#)

NHS Blood and Transplant

**Management of Clinical Services**  
CPD Course in collaboration with UWE(Bristol) & NHSBT

Course code	UCLUGB-30-M
Credits	30
Application	University of the West of England
Department	Applied Sciences
Mode of study	Distance learning
Duration	24 weeks
Programme Leader	Dr Jennifer May (UWE) jenner2.jay@uwe.ac.uk Beth Evans (NHSBT)
Course Contact	jenner2.jay@uwe.ac.uk

- You will learn from leading experts in practice through Online lectures and Webinars.
- Course delivery uses blended approach providing lots of online tutorials & resources.
- Total 36 hours of live teaching
- Further information, including costs, can be found on the UWE Bristol online prospectus: <https://courses.uwe.ac.uk/>

This course offers the opportunity to gain advanced knowledge in the management of Clinical Services and its application within healthcare and the clinical laboratory environment. It will help develop management and leadership skills applicable to clinical settings.

**Course Content:**

- Purposeful management, leadership and effective communication
- Managing quality systems-licensing, accreditation and regulation
- Clinical governance and confidentiality
- Managing systems and processes i.e. procurement, budget management
- IT validation for system and processes
- Managing a clinical service-clinical audit and appraisal
- Working in the NHS and NHS organisational and financial structure

**Assessment:**

- Portfolio (60%)
- Written Assessment (40%)

**Who is this course suitable for?**

- Someone who works with NHS or would like to enhance their knowledge of leadership and Management.

TEF Gold Teaching Excellence Framework

Excel tutorial for beginners (Kevin Stratvert)

<https://www.youtube.com/watch?v=LgXzzu68j7M>

Pivot table Excel - Step by step guide (Kevin Stratvert)

<https://www.youtube.com/watch?v=LgXzzu68j7M>

How to make an academic poster in PowerPoint

[https://www.youtube.com/watch?v=\\_WnholbfcoM](https://www.youtube.com/watch?v=_WnholbfcoM)



# The overall goal....

- Help to address knowledge gaps with our BMS workforce
- Help to reduce the training burden
- Centralise proven resources all in one place
- Free / accessible 24/7 – self directed
- Aid with career progression
- Confident workforce – retain staff



# Ultimately....

- Help to address knowledge gaps with our BMS workforce
- Help to reduce the training burden
- Centralise proven resources all in one place
- Free / accessible 24/7 – self directed
- Aid with career progression
- Confident workforce – retain staff



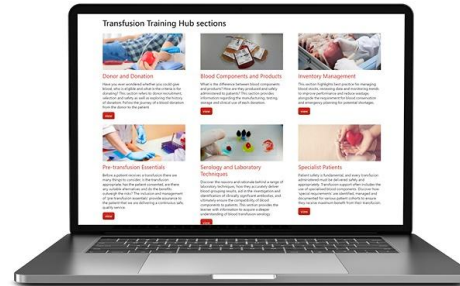
- To keep our patient **safe**
- Knowledgeable staff
- Right blood – right time
- Quality component/product
- Enhance patient experience

# The story so far....

- >41,000 views since go live (April 2024)

## Transfusion Training Hub

The **one stop shop** for transfusion education resources



Learn at your own pace in your own time

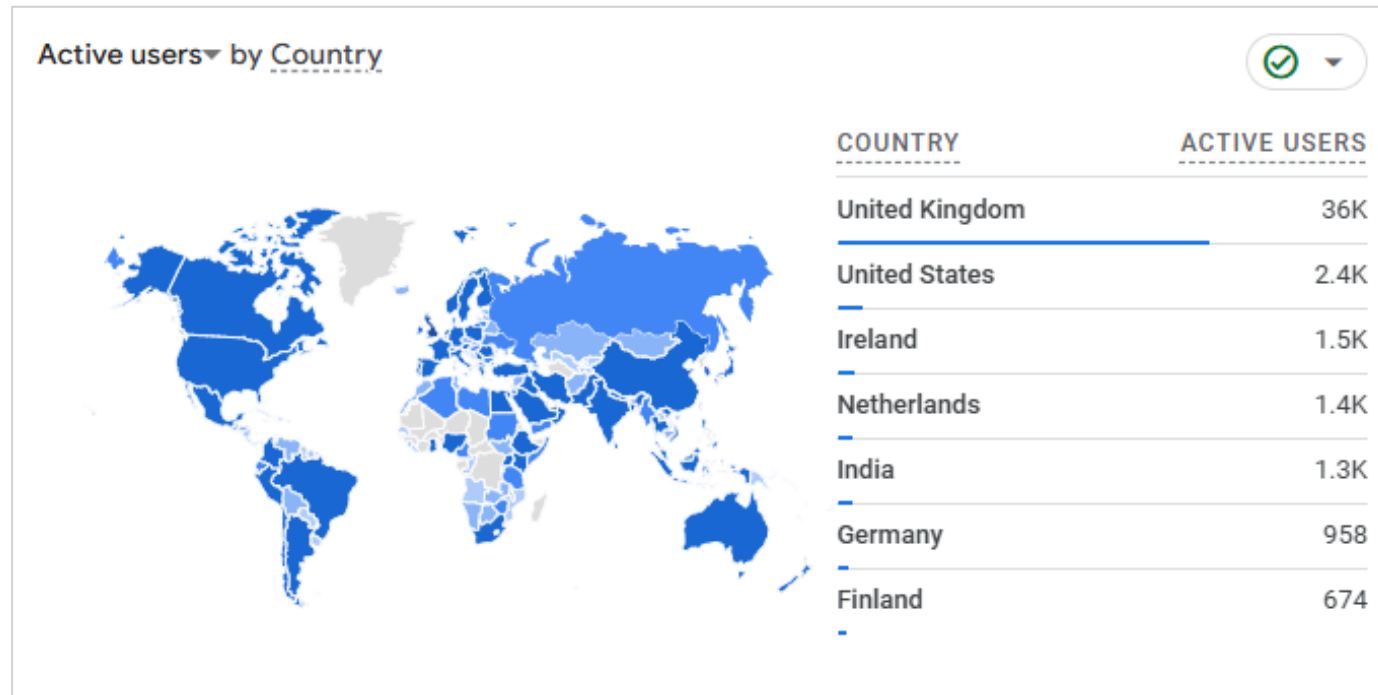
Discover links to valuable transfusion resources  
Visit [nationalbloodtransfusion.co.uk/transfusion-training-hub](https://nationalbloodtransfusion.co.uk/transfusion-training-hub)  
or scan the QR code





# We've gone global!

- 163 out of 195 countries have actively used the Training hub in its first year!
- That's **84%** of the world!!



# Impact assessment survey



## Assessing the impact of the 'Transfusion Training Hub'

Estimated time for completion of survey -  
<5 minutes - Thank you

NHSBT's Transfusion Training Hub was developed in response to the 2022 UKTLC survey to improve access to transfusion education. This survey evaluates its use and benefits so far whilst exploring areas for improvement.

## Assessing the impact of the 'Transfusion Training Hub'



**All feedback is welcome!**

[transfusiontraininghub@nhsbt.nhs.uk](mailto:transfusiontraininghub@nhsbt.nhs.uk)

**Thank you 😊**

**Any questions?**