

Basic Introduction to Transfusion Science

The course is for

Staff at all grades with a desire to understand how NHSBT helps save and improve lives through transfusion.

Structure

Online Modules

Optional 1 day face to face Practical

Before attending

To get the most out of this programme the attendee must:

- Have the development need identified and recorded through the PDPR process
- Identify how the course content will enhance NHSBT Core Competency behaviours

The attendee should:

- Be willing to share existing knowledge and insight relating to blood transfusion
- Be willing to take part in discussion and reflect on theory and activities

What you will learn

- Know how transfusion science meets NHSBT Core purpose
- Understand how transfusion science inputs to patient care
- Discuss the effects that a mis-matched transfusion could have on a patient
- Discuss some of the ways that NHSBT supports reducing the risks of transfusion
- Understand why NHSBT needs to select donors and undertake testing
- Perform an ABO group

What this programme covers

- Introduction to the ABO blood group system
- Donor selection
- Overview of a blood bag
- Selected patient reactions relating to transfusion
- Practical workshop covering simple ABO typing and pre-donation testing

Assessment

- Online modules to be completed in order to book onto practical session
- Practical workshop with simple data interpretation

Course Times / Location

Brightspace open access module
Optional practical 10:00-16:00 practical at NHSBT centre

(NHSBT teaching laboratories: Barnsley, Filton, Manchester, Newcastle, Tooting)

Further information...

To view dates and book a place on this course please click [here](#) where you will find the Rolling Calendar and Booking Form.

For enquires, email scientificandclinicaltra@nhsbt.nhs.uk.