

Specialist Transfusion Science Practice (STSP)

The course is for

It is designed for HCPC registered healthcare scientists working towards the following specialist transfusion science qualifications:

- BBTS Specialist Certificate in Transfusion Science Practice
- IBMS Specialist Diploma in Transfusion Science
- IBMS Specialist Diploma in Haematology with Hospital Transfusion Science
- Scientist Training Programme (STP)
- HCPC registered healthcare scientists with minimum one-year transfusion science laboratory experience
- Transfusion scientists returning to work after a career break

Structure

5 days in total and consists of:

- 4-day online study block
- A one-day practical tutorial in an NHSBT teaching laboratory

Aim of the programme

Be able to relate laboratory procedures to the appropriate specialist theoretical knowledge and describe the underpinning theoretical principles of the topics covered.

Understand laboratory investigations for:

- Suspected Transfusion Reactions
- Autoimmune Haemolytic Anaemia

Programme content

Utilising data and case studies the programme covers:

- Advanced ABO, Rh and major blood group systems
- Detection and identification of red cell antibodies: complex cases
- Blood Components: appropriate selection and use
- Theoretical and practical investigation of AIHA
- Serological investigation of transfusion reactions
- Haemovigilance
- Antenatal serology, HDFN and Anti-D Ig prophylaxis

Pre-requisites for Attendance

- Sound understanding of safe laboratory practice
- Secure knowledge and practical experience of current routine transfusion laboratory techniques
- Extensive prior experience in transfusion science laboratories or attendance on NHSBT's Practical Introduction to Transfusion Science (PITS)

Pre-course material

Pre-course material will be available 2 weeks prior to the 4-day block. You will receive:

- Link to Refresher Modules to be completed prior to attendance.
- Knowledge Resource to use as pre-reading and as accompaniment to the online study block
- Printable Resource to accompany activities and case studies covered in online study block
- Programme timetable

Course Times

4-day block: 09.00 – 17.00 via zoom and Brightspace
1-day practical: 10.00 – 16.00 NHSBT centre

Further information...

To book a place on this course visit [The Learning Centre](#).

For enquires, email scientificandclinicaltra@nhsbt.nhs.uk