

Specialist Transfusion Science Practice (STSP)

The course is 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

Course Structure

Course is 5 days in total and consists of:

- A 4-day online study block covering theoretical concepts and practice
- A one-day practical tutorial in an NHSBT teaching laboratory to consolidate theoretical learning

Aim of the Programme

- Provide detailed understanding of the theoretical principles of a range of specialist transfusion science topics
- Relate practical procedures used in hospital and specialist transfusion laboratories to theoretical principles

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

Course material and links will be sent 4-6 weeks prior to 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

Core reading material that may help you with this programme;

- Relevant BSH/JPAC guidelines
- The Handbook of Transfusion Medicine

Course Times

4-day study block: 09.00 – 17.00 via zoom

1-day practical: 10.00 – 16.00 NHSBT site

NHSBT teaching sites located in London, Bristol, Manchester, Newcastle, Barnsley

Further information...

To book a place on this course please complete the registration form [here](#)

For enquires, email HRDirect@nhsbt.nhs.uk