

Online Anaesthetic Transfusion Training

HEE/NHSE funded course developed by NHSBT

Background

- After haematology, the largest group of clinicians who transfuse blood components are anaesthetists, however anaesthetic trainees do not receive formal structured transfusion training. Training varies across the country and is at an introductory level providing core information appropriate for all healthcare professionals
- NHS Blood and Transplant have developed the first online transfusion training package specifically designed for the needs of anaesthetic trainees. The programme builds on that core knowledge providing further specialist knowledge tailored specifically for anaesthetic trainees.
- The course covers material that is considered essential to address significant knowledge gaps identified by Hospital Transfusion Committees, Regional Transfusion Committees (many of which are chaired by anaesthetists), the National Blood Transfusion Executive Committee (NBTC). It promotes best transfusion practice as recommended in Transfusion 2024.

The course is mapped to the curriculum and will aid exam preparation.

	Name of Module	Time to complete (mins)
1	Blood Donation	12
2	Donor Testing	8
3	Blood Group Systems	12
4	Introduction to ABO Group Systems	22
5	Introduction to Antigen	14
6	Antigens and Antibodies	14
7	Introduction to Patient Blood Management	16
8	Hazards of Transfusion	11
9	Coagulation	12
	Total	121

- The training comprises nine modules, containing short illustrative videos and interactive cases designed to promote the safe and appropriate use of transfusion, prevent transfusion errors, reduce adverse events and increase patient safety.
- The modules cover the learning objectives/competencies relating to transfusion for pre-assessment of elective procedures, management of patients in critical care, management of patients with haematological disorders and coagulopathy and transfusion in emergency situations such as major haemorrhages and trauma.
- The training also illustrates the importance of consent, particularly in reference to those patients who may decline transfusions.

Request to RTC Chairs

Please can you promote this course within your region via your Anaesthetic Training Programme Directors

Trainees can register using the link below or the QR code

<https://forms.office.com/e/6BZp4d0qek>

NHS Blood & Transplant
Transfusion Training for ST4-7
Anaesthetists

