

'Blood Transfusion Training' eLearning courses in Wales

Essential Transfusion Practice For healthcare staff working at any step in the transfusion process with patients (adults, neonates, infants and children) who may require a blood transfusion. Outlines the key steps involved, through the journey from the shared decision to transfuse, sampling, collection, administration, and identifying reactions and post transfusion requirements. Includes basic compatibility rules and the crucial differences between components.

Blood Components For healthcare professionals making the decision to transfuse and completing the written instruction for blood transfusion, but also relevant to healthcare staff caring for patients receiving a transfusion. Discusses routinely available components, principles of their compatibility, clinical application and indications for use. It is recommended completing Essential Transfusion Practice first.

Consent For healthcare professionals making the decision to transfuse and completing the written instruction for blood transfusion, but also relevant to healthcare staff caring for patients receiving a transfusion. Illustrates the importance of consent and your role in supporting shared decision making with your patient, ensuring that any consent, or refusal, is informed and valid. Gives an overview of general consent principles and specifics relating to transfusion.

Transfusion Reactions For healthcare professionals responsible for identification and management of transfusion reactions, but also relevant to healthcare staff caring for patients receiving a transfusion. Illustrates the importance of patient observation, recognising signs and symptoms, and appropriate management of reactions. Looks at different types of reactions, why they occur, and when to report. It is recommended completing Essential Transfusion Practice, Blood Components and Consent as well.

An Introduction to Transfusion Laboratory Practice For trainee and newly qualified Biomedical Scientists (BMSs) and multi-disciplinary BMSs new to the Blood Transfusion discipline. Primary focus is patient safety, providing staff with a basic knowledge of Blood Transfusion Laboratory practice.

Good Manufacturing Practice For laboratory staff and other roles involved in the transfusion pathway up to the release of components from the laboratory. Intended to help you gain an understanding of Good Manufacturing Practice (GMP) in relation to blood transfusion. Includes the legal requirements of hospital transfusion laboratories to establish and maintain a quality system based on GMP.

Use of Anti-D Immunoglobulin in Pregnancy For midwives, obstetricians, nurses working in maternity care, and biomedical scientists working in transfusion laboratories, but also relevant for healthcare professionals working in any area where anti-D immunoglobulin may be administered. Illustrates why and when anti-D immunoglobulin is needed during pregnancy, and after delivery, including dosing and administration. Outlines the laboratory screening/ monitoring required for D negative women, the process for determining fetal D type, and post-delivery testing for neonates. Also covers the care required if a pregnant woman has an immune anti-D antibody, alongside other special considerations.

Cell Salvage Helps to understand cell salvage and learn about blood conservation techniques. Illustrates the principles of cell salvage, when to use it and the process for collection, processing and re-infusion of (including consent, prescribing and observation). Also covers the importance of blood conservation, documentation and governance.

SHOT For healthcare staff working at any step in the transfusion process with patients (adults, neonates, infants and children) who may require a blood transfusion. Consists of three short videos (~5mins each) providing an overview of haemovigilance in the UK, reporting to the Serious Hazards of Transfusion (SHOT) scheme, and learning from SHOT.

NHS Wales ESR Learning Management

The elearning courses are all accessible on ESR and are titled as detailed in the table below.

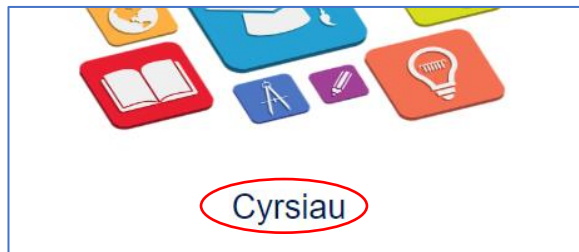
The courses have associated learning certification on ESR which is valid for 2 years (except for *000 NHS Wales Blood Transfusion Training 06: Good Manufacturing Practice* which is valid for 1 year) and associated ESR competency.

Course Name	Learning Certification	Competency
000 Blood Transfusion 01: Essential Transfusion Practice	000 NHS Wales Blood Transfusion Training 01: Essential Transfusion Practice	NHS MAND Blood Transfusion - 2 Years
000 Blood Transfusion 02: Blood Components	000 NHS Wales Blood Transfusion Training 02: Blood Components	NHS MAND Blood Transfusion - 2 Years
000 Blood Transfusion 03: Consent	000 NHS Wales Blood Transfusion Training 03: Consent	NHS MAND Blood Transfusion - 2 Years
000 Blood Transfusion 04: Transfusion Reactions	000 NHS Wales Blood Transfusion Training 04: Transfusion Reactions	NHS MAND Blood Transfusion - 2 Years
000 Blood Transfusion 05: An Introduction to Transfusion Laboratory Practice	000 NHS Wales Blood Transfusion Training 05: Intro. to Transfusion Lab. Practice	NHS MAND Blood Transfusion - 2 Years
000 Blood Transfusion 06: Good Manufacturing Practice	000 NHS Wales Blood Transfusion Training 06: Good Manufacturing Practice	NHS MAND Blood Transfusion - 1 Year
000 Blood Transfusion 07: Use of Anti-D Immunoglobulin in Pregnancy	000 NHS Wales Blood Transfusion Training 07: Use of Anti-D in Pregnancy	NHS MAND Blood Transfusion - 2 Years
000 Blood Transfusion 08: Cell Salvage	000 NHS Wales Blood Transfusion Training 08: Cell Salvage	NHS MAND Blood Transfusion - 2 Years
000 Blood Transfusion 09: SHOT	-	-

Learning@Wales

Learners who are unable to access NHS Wales ESR may be able to register to Learning@Wales (<https://learning.nhs.wales/>) and complete the courses.

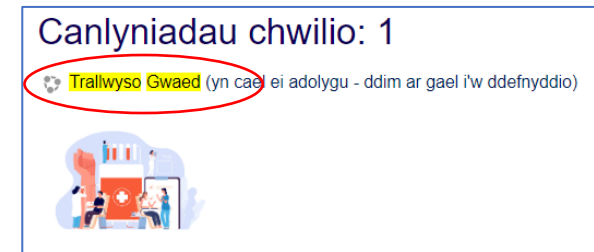
Log in to Learning@Wales, and from the homepage click on 'Courses':



On the next page, in the search bar type 'blood transfusion':



Click on 'Blood Transfusion' from the search results:



On the next page the courses are listed as:

Blood Transfusion Programme: Essential Transfusion Practice

Blood Transfusion Programme: Blood Components

Blood Transfusion Programme: Consent

Blood Transfusion Programme: Transfusion Reactions

Blood Transfusion Programme: An Introduction to Transfusion Laboratory Practice

Blood Transfusion Programme: Good Manufacturing Practice

Blood Transfusion Programme: Use of Anti-D Immunoglobulin in Pregnancy

Blood Transfusion Programme: Cell Salvage

Blood Transfusion Programme: SHOT