

learnbloodtransfusion

e-learning for safe, effective and appropriate transfusion practice



Blood transfusion, if used safely and appropriately, will improve the quality of life or be a life saving treatment for many patients.

The Serious Hazards of Transfusion Scheme (SHOT) has shown year after year the most common incident relating to transfusion is 'incorrect blood component transfused'.

The Health Service Circular, [Better Blood Transfusion – Safe and Appropriate Use of Blood \(2007\)](#) states that organisations should ensure that 'education and training are provided to all staff involved in the process of blood transfusion'. In addition, the National Patient Safety Agency (NPSA) in 2006 issued the [Safer Practice Notice 14 – Right Blood Right Patient](#) which states that organisations need to act to implement 'competency based training and assessment of all staff involved in blood transfusions'.

Learnbloodtransfusion has been developed to ensure that all healthcare workers can participate safely in the transfusion process. It is reviewed annually by a UK-wide editorial board and is intended to complement rather than replace existing teaching initiatives.

The interactive e-learning materials are available now and offer healthcare workers the opportunity to practise skills relevant to:

- Prescribing
- Requesting
- Sampling
- Administering a transfusion
- Managing an adverse event

Learnbloodtransfusion offers three courses:

1. Safe Transfusion Practice (8 sessions)
2. Blood Components and Indications for Use (8 sessions)
3. Good Manufacturing Practice for Transfusion Laboratory Staff (9 sessions)

Topics include:

- ABO blood group system and serology
- The correct procedures in each step of the transfusion process
- Blood component and derivatives and their indications for use
- The management of massive transfusion
- Recognising and managing a transfusion reaction
- Good manufacturing practice

Each e-learning session includes a self-assessment exercise and the option to download a certificate if a score of 80% or more is achieved.

For more information visit www.e-lfh.org.uk/learnbloodtransfusion