

# The Learnbloodtransfusion e-learning Package



*Blood and Transplant*

## What is it?

Learnbloodtransfusion is an e-learning package developed by the Scottish Better Blood Transfusion Programme.

The package currently offers two levels in "Safe Transfusion Practice", with a further level 3 under development. Within each module the learner has activities, scenarios and assessments to complete.

### Level 1 modules

- Serious Hazards Of Transfusion (SHOT)
- Blood group serology
- Requesting procedure
- Sampling procedure
- Collection procedure
- Administration procedure
- Managing the transfused patient
- Laboratory Module

### Level 2 modules

- Role of the Hospital Transfusion Committee
- Pre-transfusion procedures
- Red blood cells
- Platelets
- Plasma components
- Massive transfusion
- Plasma derivatives
- Adverse effects of transfusion

### Level 3 modules

Includes 4 patient based scenarios on transfusion management of a patient:

- With acute myeloid leukaemia
- Experiencing a massive haemorrhage
- Requiring a total hip revision arthroplasty
- Requiring cardiac surgery

Incorporated into the e-learning package is an On-line Recording and Assessment System (ORAS Gold). ORAS records evidence of learning within an individual organisation and will allow authorised personnel (Trust Administrator) to issue reports from the system showing usage, assessments and modules completed by speciality, staff group or different grades. In addition, ORAS allows the learner to manage their own learning experience; to complete the package in their own time, a module at a time, and print their own certificates. Other features of the ORAS Gold system include document libraries (which can be managed locally and may be linked to hospital / Trust intranet sites); the facility to record competency assessments and attendance at face-to-face teaching sessions; self-directed learning packs for each level, as well as links to other resources e.g. The Handbook of Transfusion Medicine and websites.

## Why use it?

The 'Better Blood Transfusion' Health Service Circulars, SHOT, NHSLA, NPSA Safer Practice Notice No. 14 and the Blood Safety and Quality Regulations highlight the need for transfusion training and competency assessment. This e-learning package can be used to complement the education and training already in existence in hospitals. It offers flexibility for learners and certificated evidence of learning provided by the ORAS learning management system.

## Who is it for?

The e-learning package targets all staff groups involved in the transfusion process including medical staff, nurses and midwives, operating department practitioners, phlebotomists, porters and students. The flexibility offered by the e-learning package allows staff groups to access modules specific to their role; for example phlebotomists may complete the SHOT and sampling modules. A further advantage is the ability to target staff groups that are difficult to engage (or perhaps who are unable to leave the clinical environment), or who require an update to existing training.

## Where to access it?

The e-learning package must be accessed via the Internet at: [www.learnbloodtransfusion.org.uk](http://www.learnbloodtransfusion.org.uk) All staff wishing to access the e-learning site can register on-line via this website once the Trust (via the Administrator) has been authorised to proceed.

To access the e-learning package the computer must have Internet Explorer version 6 (or later version) and Multimedia Flashplayer version 7 (or later version) installed. In some organisations this may be installed directly from the Internet; however in others it can only be performed by IT staff. This can cause delays so check with your IT department to find out what happens in your Trust.

## How do we get started?

All Trusts wishing to utilise the e-learning package and ORAS system will need to nominate a Trust Administrator (for example, the Transfusion Practitioner). The Trust Administrator will be authorised to manage the ORAS system locally and will be able to review the usage, assessments completed and numbers of staff accessing the materials.

There will be the need to invest time to promote, project manage and facilitate the introduction of the package within an organisation. You will also need to nominate a "System Sponsor" who takes local ownership of the system in the hospital (for example, the Hospital Transfusion Committee Chair, senior Manager or Lead Consultant in Transfusion). Once you have nominated a Trust Administrator and System Sponsor please complete the enclosed 'Trust Administrator Authorisation Form' and ORAS registration form and return to:

Alena Hemingway  
National Blood Service  
Hospital Liaison Office  
John Eccles House  
Robert Robinson Avenue  
Oxford Science Park  
Oxford  
OX4 4GP

Following receipt of the Trust Administrator Authorisation Form and ORAS registration form, you will be sent an information pack containing an Implementation Guide, ORAS Administrator Manual, ORAS Guidance Sheets, Learner Fact Sheets and Publicity Pack.

If you require further information about the e-learning package please contact:

Alena Hemingway  
Tel: 01865 440032  
Fax: 01865 440057  
Email: [alena.hemingway@nhsbt.nhs.uk](mailto:alena.hemingway@nhsbt.nhs.uk)