SFHHCS11
Issue transfusion products to meet clinical need

Overview

This workforce competence relates to the response to the completion of a request for the selection and issue of blood products, blood components from stock levels within a clinical setting. Donor blood is routinely tested for compatibility prior to issue and a related competence covers compatibility testing.

This may be a routine or non-routine request, or in response to a major incident alert. Components may include red cells, platelet concentrate, fresh frozen plasma, plasma for discard, white cells, stem cells, leucodepleted red cells/plasma, and irradiated blood components, washed platelets, washed red cells, products for neonates and for specific patients. Products may include albumin, immunoglobulins, anti-D, factor VIII concentrate.

This competence does not cover the issue of blood from national blood donation services. Individuals will need to use related competences for functions covering blood donation and national blood donation storage and issue.

Users of this competence will need to ensure that practice reflects up to date information and policies.

SFHHCS11

Issue transfusion products to meet clinical need

Performance criteria

You must be able to:

P1 work within your level of competence, responsibility and accountability

P2 apply appropriate health and safety measures, infection prevention and control and personal protective equipment applicable to issuing blood products

P3 seek advice and support from relevant others where a request is outside own competence or area of responsibility

P4 check whether serological compatibility tests have been completed according to approved protocols

P5 check the availability of non routine stocks for issue and seek advice and assistance for ordering required stock from national blood transfusion service if holding stock does not meet requirements for issue

P6 select product which meets clinical request criteria and check any specialist processing needs have been completed to approved protocols

P7 check the blood grouping system label on the donor product for issue matches the recipient individuals blood grouping profile

P8 where fresh frozen products are required, select and thaw, according to the protocols and label appropriately with recipient details

P9 confirm quality, product type and suitability of blood products and components for issue

P10 label the suitable and compatible donations for issue to the correct individual in accordance with local protocols

P11 issue blood, component or product, properly packed, with appropriate documentation and place in the approved, controlled issue facility in a timely manner

P12 maintain full, accurate and legible records of issued blood products and components and store the records to maintain traceability in line with current legislation, guidelines, local policies and protocols

SFHHCS11

Issue transfusion products to meet clinical need

Knowledge and understanding

You need to know and understand:

K1 your own level of competence, authority and specialist knowledge base

K2 the range of health and safety measures, infection prevention and control and personal protective equipment and their importance applicable to your work practice

K3 the procedures for the issue of routine donor blood packs or blood components that have been compatibility tested for the transfusion recipient

K4 the procedures for the issue of non-routine and major incident requests and universal donations and where to seek assistance authorisation for issue if this is outside your own area of competence or area of responsibility

K5 the range of blood products and components held as holding stock available for routine issue

K6 the purpose, process and any special requirements for the issue of any non routine blood products and components within your work practice

K7 the range of equipment and associated computer systems used in the issue of all transfusion products within your work practice

K8 the principles and methods of blood grouping systems applicable to the issue of blood products and the components within your work practice

K9 the range and types of conditions, requirements and criteria for the storage of blood products and components prior to and awaiting issue

K10 the importance of quality monitoring the range of storage and issue facilities to maintain the cold chain and the implications of failure to do so

K11 where to seek assistance if equipment fails to operate to expected performance or warning/alarm signals are activated

K12 the criteria for labelling blood and the range of blood components for issue

K13 the checking procedures required in the issue of blood/components to authorised recipients

K14 the current national legislation, guidelines, local policies and protocols which affect your work practice

K15 the policies and guidance that clarify your scope of practice, accountabilities and the working relationship between yourself and others

SFHHCS11

Issue transfusion products to meet clinical need

Additional Information

External Links

This workforce competence links with the following dimension within the NHS Knowledge and Skills Framework (October 2004):

To be completed

Related Functions:

1 Health Safety and security
2 Clinical Governance
3 Information Governance
4 Quality
5 Audit

SFHHCS11

Issue transfusion products to meet clinical need

Developed by	Skills for Health
Version number	1
Date approved	July 2009
Indicative review date	July 2011
Validity	Current
Status	Original
Originating organisation	Skills for Health
Original URN	HCS
Relevant occupations	Health, Public Services and Care; Medicine and Dentistry; Nursing and Subjects and Vocations Allie; Health Professionals; Healthcare and Related Personal Services
Suite	Healthcare Science
Key words	donor, tissue typing, compatibility, storage