

SFHHCS7

Administer radioactive and non-radioactive medicinal products for diagnostic or therapeutic procedures



Overview

This standard relates to the administration of radioactive or non-radioactive medicinal products by intravenous injection, oral or other routes for diagnostic or therapeutic purposes. It is expected that an individual assessed for this standard will be authorised to carry out the range of administration methods involved in their work practice. Individuals will be assessed against this standard for the range of procedures involving administration of radioactive or non radioactive agents within their work practice and level of responsibility

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

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Performance criteria

You must be able to:

- P1 work within your level of competence, responsibility and accountability
- P2 apply health and safety measures, infection prevention and control and personal protective equipment appropriate to the procedure and clinical condition
- P3 confirm the treatment area, any equipment and treatment applicators are appropriate for the procedure and fit for use
- P4 confirm the individual's identity, authorisation for the procedure , any prerequisite procedural preparation and maintain their privacy, dignity and confidentiality at all times
- P5 communicate effectively in the appropriate medium to meet the individual's needs and preferences
- P6 clearly explain the procedure, any risks and post monitoring requirements and confirm the individual `s and/or relevant others' understanding and compliance
- P7 ensure only essential individuals remain during the medicinal administration and the procedure
- P8 confirm and check the authorisation, quality and dosage of the pharmacological product, radioactive material or radiation and the required dose, route and timing of administration
- P9 administer the prescribed product in accordance with the protocol and promptly seek specialist support if difficulties occur during or after the procedure
- P10 dispose of all clinical waste in accordance with relevant policies, protocols and legislative requirements
- P11 respond to any non-standard incident and report incidents to relevant authorities, ensuring it is documented in accordance with local policy
- P12 maintain full, accurate and legible records of the procedure and store in the correct location in line with current legislation, guidelines, local policies and protocols

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Knowledge and understanding

You need to know and understand:

- K1 your own level of competence, authority and specialist knowledge base related to administration of radioactive and/or non radioactive medicinal products for diagnostic or therapeutic investigations within your work practice
- K2 when, how and where to seek specialist support
- K3 the importance of checking the individual's identify and authorisation for the procedure and how to confirm this
- K4 how to communicate effectively in the appropriate medium to meet the individuals needs and preferences
- K5 the importance of following relevant protocols and interpreting them correctly
- K6 the requirements for individual's preparation appropriate to the procedure
- K7 the range of procedures and investigations within your work practice and level of responsibility
- K8 the expected and statutory limits of retained activity of the pharmacological agents, radionuclides or radiation or used in diagnostic or therapeutic procedures
- K9 the principles and modes of administration of medicinal products by aerosol, subcutaneous, oral or intravenous and the dosage rates and the associated authorisation procedures appropriate to the procedure
- K10 the range and types of treatment rooms/areas, equipment , medical devices and/or treatment applicators required for administration within your work practice
- K11 how to check equipment and/or treatment applicators are appropriate and working to expected operational performance
- K12 the range of health and safety measures, infection prevention and control and personal protective equipment, their importance and their application within the procedure and the clinical condition of the individual
- K13 the importance of the restrictions and requirements for pharmacological, radionuclide materials or radiation, how to apply them and the consequences of not doing so for self, the individual and others
- K14 the requirements for maintaining records associated with administration of radioactive and/or non-radioactive materials
- K15 the range of potential adverse reactions of the administration, the specific side effects of drugs or agents used in the procedures and the actions required to minimise risks
- K16 the importance of aseptic technique, infection prevention and control measures and methods used in the administration of products within your work practice
- K17 the current national legislation, guidelines, local policies and protocols which affect your work practice

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Additional Information

External Links

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

Dimension: HWB7 Interventions and treatments

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Suite Healthcare Science

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