Select imaging techniques/procedures for individual investigation



Overview

This standard relates to the selection of relevant techniques or imaging modality to meet the needs of the clinical request and identified risks or special needs of the individual. The selection may relate to one or more investigations and to the sequence in which such investigations are performed. Practitioners will work within their own level of authority and competence for selection of the relevant imaging technique or procedure.

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 select techniques appropriate to clinical question and to reason for referral
- P2 where no investigations are specified, obtain sufficiently detailed information to determine the most effective course of action
- P3 assess the priority of investigations on clinical grounds
- P4 obtain relevant background clinical information to determine that the test procedures do not place the patient at unacceptable risk and potential contra-indications are identified
- P5 select type, range and sequence of investigations based on all available information
- P6 identify possible adaptations of procedures required to meet patient needs
- P7 assess whether a different modality may be more appropriate to patient and clinical need

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Knowledge and understanding

You need to know and understand:

- K1 the range of investigations available, relevant protocols, their application and purpose
- K2 the contra-indications associated with the investigation/procedure and the implications of proceeding with due consideration of related risks
- K3 your responsibilities under current national legislation and regulations, European, International and local guidelines, Professional Standards and Codes of Practice
- K4 the principles and limitations of relevant investigative techniques
- K5 roles, responsibilities and levels of authority of personnel involved in imaging services
- K6 risks associated with selected techniques/investigations
- K7 the implications for safety and equipment selection
- K8 how and from whom to obtain additional information to assist with decisions regarding procedures

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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: HWB6 Assessment and Treatment Planning

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Developed by	Skills for Health
Version number	1
Date approved	June 2010
Indicative review date	June 2012
Validity	Current
Status	Original
Originating organisation	Skills for Health
Original URN	CHS112
Relevant occupations	Health, Public Services and Care; Medicine and Dentistry; Nursing and Subjects and Vocations Allied; Health Professionals; Healthcare and Related Personal Services
Suite	Clinical Health Skills
Key words	Imaging, select investigations