

SFHCHDFC3

Assist the registered practitioner during angiography/percutaneous coronary intervention (PCI)



Overview

This standard covers scrubbed assistance during angiography and/or percutaneous coronary intervention (PCI). This includes preparing equipment for the procedure and supporting the registered practitioner in the administration of radiographic contrast media and deploying balloons and stents into the coronary arteries.

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 prepare specialist equipment required for the procedure
- P2 prepare a range of specific drugs
- P3 select and wear appropriate radiation protection
- P4 assess risks relevant to performing procedure prior to commencement
- P5 take action to eliminate risks to self and individual
- P6 inject contrast media into the coronary arteries at a safe and effective pressure
- P7 recognise changes in the individual's condition and report them appropriately
- P8 monitor the individual and minimise discomfort throughout the procedure
- P9 control infection through use of aseptic techniques in accordance with accepted protocols
- P10 dispose of sharps and clinical waste safely
- P11 document the individual status post procedure, in line with individual record procedures

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Knowledge and understanding

You need to know and understand:

- K1 how to communicate with individuals and carers sympathetically
- K2 methods for ensuring that the individual understands instructions and for encouraging the individual to participate in the procedure
- K3 which data and information should be recorded
- K4 the importance of correct methods for maintaining and completing individuals' records
- K5 cardiovascular anatomy and physiology
- K6 the range of aids and equipment available
- K7 how the aids and equipment function
- K8 types of equipment which may be required in an emergency
- K9 health and safety regulations, including COSHH, handling of drugs and sharps
- K10 how to minimise the radiation dose to oneself, individuals and other staff during the procedure
- K11 the physiology of angiography and PCI
- K12 signs and symptoms of adverse reaction to angiography and PCI
- K13 risks associated with angiography and PCI and how to minimise them
- K14 indications which determine the procedure may continue or should be terminated
- K15 drugs commonly used in the treatment of CHD and their potential side effects
- K16 signs and symptoms of adverse reactions to drugs

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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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