

SFHCHDFC5

Remove arterial sheath and ensure haemostasis following angiography/percutaneous coronary intervention (PCI)



Overview

This standard covers sheath removal and achievement of haemostasis following angiography or percutaneous coronary intervention (PCI).

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 explain the procedure clearly to the individual, allowing the individual to ask any questions
- P2 ensure all relevant protective clothing is worn (e.g. gloves, apron, eye protection)
- P3 carry out tests relevant to the safe removal of sheath (e.g. blood pressure, ACT measurements)
- P4 check that sheath removal is appropriate (e.g. the individual is free from chest pain)
- P5 prepare and position the individual correctly for the procedure
- P6 identify any medications being used by the individual
- P7 assess risks prior to the procedure and seek clinical advice where necessary
- P8 identify the need for manual compression or the application of a haemostasis device
- P9 assemble and check the necessary equipment for sheath removal
- P10 disconnect any administration sets connected to the sheath
- P11 remove dressing around sheath and cut any sutures that may be holding the sheath in place
- P12 remove sheath in line with local protocols and procedures
- P13 observe and record distal blood perfusion to the sheath site
- P14 apply dressing when haemostasis is achieved
- P15 monitor the patient and minimise discomfort throughout the procedure
- P16 ensure that post sheath removal care is understood by the individual and other
- P17 control infection through use of aseptic techniques in accordance with accepted protocols
- P18 document the patient status post procedure, in line with patient record procedures

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Knowledge and understanding

You need to know and understand:

- K1 how to adapt communication styles in ways which are appropriate to different people (e.g. culture, language or special needs)
- K2 how to confirm that individuals have understood the instructions and guidance provided
- K3 relevant protective clothing and how it is worn
- K4 how to safely dispose of used equipment
- K5 how to measure individuals' blood pressure and heart rate
- K6 the importance of minimising any unnecessary discomfort, and how to do so
- K7 how to identify the need for using a haemostasis device
- K8 how to use haemostasis devices in accordance with the manufacturer's guidelines
- K9 cardiovascular anatomy and physiology
- K10 anatomy of the femoral region and physiology of haemostasis
- K11 how to recognise potential complications that may arise as a result of femoral sheath removal
- K12 factors that affect coagulation
- K13 drugs commonly used in the treatment of CHD and their potential side effects
- K14 types, properties, function and effect of thrombolytic drugs and aspirin
- K15 organisational guidelines on keeping records
- K16 when and how to seek clinical advice

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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 CHD FC5

Relevant occupations Health, Public Services and Care; Health Professionals; Healthcare and Related Personal Services

Suite Coronary Heart Disease

Key words coronary heart disease
