



CHS166 Maintain use of medical devices to assist organ or system function

OVERVIEW

This standard is about the insertion of medical devices and life support devices to replace or support an individual's bodily function pre- during or post intervention or treatment. Individuals may be in a conscious or unconscious state. Clinical activities may be part of an emergency procedure or undertaken in other contexts. This standard is applicable to a wide range of health contexts and roles in emergency, primary and secondary care. Users of this standard will need to ensure that practice reflects up to date information and policies. Version No 1

KNOWLEDGE AND UNDERSTANDING

You will need to know and understand:

1. your own level of competence, authority and knowledge in relation to the insertion of medical devices
2. the importance of identifying the correct individual for the intervention and the implications of not doing so
3. how to explain procedures for use of medical devices to individuals in terms that they will understand
4. how to manage the privacy and dignity of individual's throughout procedures for insertion, adjustment or removal of medical devices
5. how to avoid unnecessary discomfort or distress to the patient when managing the use of medical devices
6. the importance of communicating with individuals in a manner that is consistent with their level of understanding, culture, background and preferred ways of communicating
7. the range of medical devices used, the application and use of each
8. the components of medical devices and the function of each
9. how to check for correct functioning of medical devices
10. action to be taken in the event that unforeseen or unexpected reactions to the use of medical devices occurs
11. the range and type of resources associated with medical devices and how to estimate a sufficient supply for an individual
12. how and from whom to seek additional support and advice when using medical devices
13. protocols, procedures and manufacturer's instructions for use of medical devices

- 14.how to recognise faults or malfunctioning of medical devices
- 15.anatomy and physiology relevant to the use of specific medical devices
- 16.protocols and procedures for insertion, adjustment, removal and monitoring of medical devices, including those relating to patient consent
- 17.potential risks of contamination and possible adverse effects associated with use of medical devices
- 18.precautions for infection control and health and safety in relation to use of medical equipment, devices, and associated resources
- 19.the importance of applying standard precautions and the potential consequences of poor practice
- 20.the range of contexts in which medical devices are used and the risks and infection controls associated with each
- 21.the current European and National legislation, national guidelines, organisational policies and protocols in accordance with Clinical Governance which affect your work practice in relation to the use of medical devices to assist organ and system function
- 22.your responsibilities and accountability in relation to the current European and National legislation, national guidelines and local policies and protocols and Clinical Governance

PERFORMANCE CRITERIA

You must be able to do the following:

- 1.work within your level of competence, responsibility and accountability
- 2.maintain the dignity, privacy and confidentiality of the individual at all times
- 3.evaluate the status of the individual, and confirm their identity, valid consent, or that of an appropriate person, for the intervention
- 4.explain the procedures to the individual or relevant carers, in terms that they can understand, with reassurance and sufficient suitable response to their questions and concerns
- 5.confirm required pre-checks for patient have been completed and that potential contra-indications to planned actions have been identified
- 6.position and support individuals correctly for insertion, removal or repositioning of medical devices and equipment
- 7.calibrate the medical device to ensure it is functioning within required parameters prior to use and it's suitability for use for the individual
- 8.ensure effective infection control when inserting or activating medical devices
- 9.use the medical device in accordance with protocol and manufacturer's instructions for set up, calibration and use in accordance with clinical governance and with minimal discomfort for the individual
- 10.ensure that the medical device is secure and adjusted and attached correctly to relevant components to obtain required measurements or parameters
- 11.check that the individual is in a stable, comfortable and safe condition or take appropriate action to respond to any adverse reactions
- 12.record full details of use of medical devices immediately and in line with protocols and procedures
- 13.ensure that a sufficient supply of relevant resources and equipment are stocked,

- stored and available for the individual
- 14.dispose of waste materials in accordance with health, safety and infection control procedures
 - 15.ensure you maintain the confidentiality of information in accordance with information governance

ADDITIONAL INFORMATION

This National Occupational Standard was developed by Skills for Health.This standard links with the following dimension within the NHS Knowledge and Skills Framework (October 2004):Dimension: HWB7 Interventions and treatments