

SFHEUSC51

Operate equipment required to support an intervention



Overview

This standard covers the actions of operating equipment required to support an intervention in an EUSC environment, working appropriately with other members of the team. It is specifically about equipment and instrumentation that is used in the intervention environment to support, monitor and maintain the individual's health in the broader sense whilst they undergo an intervention. Such supporting equipment and instrumentation is most likely to be required in environments and situations where invasive interventions occur, although it may also be required in some non-invasive or emergency circumstances. This standard does not cover the primary equipment and instrumentation directly used for performing the intervention itself.

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 confirm the decision to use the appropriate equipment necessary for the successful completion of the intervention, referring to others where necessary or appropriate
- P2 ensure that all appropriate equipment necessary for the successful completion of the intervention has been identified, is available and is appropriately prepared for use
- P3 apply standard precautions for infection control and other relevant health and safety measures, and wear personal protective clothing and additional protective equipment as appropriate
- P4 initiate and maintain the operation of equipment correctly for the intervention being supported, position, avoiding injury to the individual, and taking account of:
 - P4.1 intervention site access requirements
 - P4.2 the type of intervention to be undertaken
 - P4.3 the stage of the intervention
 - P4.4 the equipment preparation and operating instructions
 - P4.5 the need to maintain asepsis and sterility of the equipment, individual and environment
 - P4.6 legislation, policies, protocols and guidelines
- P5 carry out monitoring and recording procedures and actions, as specified for the intervention being undertaken, reporting on and taking prompt corrective action where the pre-established parameters are exceeded
- P6 confirm the decision to discontinue the use of the equipment with the appropriate person, in line with national and local legislation, policies, protocols and guidelines
- P7 disconnect and remove the equipment where appropriate, in a timely manner, avoiding injury and discomfort to the individual
- P8 ensure that all equipment is decontaminated following the intervention, in line with tracking and traceability requirements and other national and local legislation, policies, protocols and guidelines
- P9 clear and dispose of wastes safely and appropriately, in line with national and local legislation, policies, protocols and guidelines
- P10 maintain timely, accurate, complete and legible records in accordance with local policies and procedures and work at all times within appropriate patient and information confidentiality legislation, policies, protocols and guidelines
- P11 work within your scope of responsibility and accountability, referring to others where appropriate and/or necessary

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Knowledge and understanding

You need to know and understand:

- K1 the current European, national and local legislation, policies, protocols and guidelines which affect your work practice in relation to operating equipment required to support the intervention
- K2 your responsibilities and accountability under the current European, national and local legislation, policies, protocols and guidelines with regard to the operation of equipment required to support an intervention
- K3 the current European, national and local legislation, policies, protocols and guidelines which affect your work practice in relation to:
 - K3.1 health and safety
 - K3.2 infection control, decontamination, and tracking and traceability requirements
 - K3.3 safe use of equipment, including electrical equipment
- K4 the importance of working within your own scope of practice when operating equipment required to support an intervention
- K5 the application of standard precautions to operating equipment and instrumentation and the potential consequences of poor practice
- K6 the manufacture and storage of oxygen, nitrous oxide, carbon dioxide, and compressed air, and the potential consequences of poor practice
- K7 the procedures for initiating and maintaining the operation of equipment required to support an intervention within your scope of practice
- K8 the procedures for the decontamination of equipment
- K9 the importance of following tracking and traceability systems, and the consequences of not adhering to these systems
- K10 the physical principles underlying the function of equipment required to support an intervention and means of ensuring that equipment is functioning appropriately
- K11 the effect that the equipment being operated will have on the health status of the individual receiving the intervention
- K12 how to operate equipment in a manner that optimises the individual's health and minimises risk or complications to the individual or the intervention being performed
- K13 the types, purpose, function and use of the equipment required to support an intervention, within your scope of practice.
- K14 the importance of reporting the status of equipment to the appropriate person
- K15 the appropriate channels for information communication
- K16 the importance of immediately reporting any issues which are outside your own scope of practice to the appropriate person
- K17 the content of all relevant reports relating to operating equipment, including anaesthetic records
- K18 the appropriate methods for recording information about the equipment

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used to support an intervention, including details that support tracking and traceability systems

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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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