

SFHEUSC22

Manage airways, breathing and circulation during a surgical intervention



Overview

This standard covers the actions involved in managing airways, breathing and circulation during an intervention to ensure that the primary intervention can be safely delivered. It includes react promptly and appropriately when any or all of the individuals airway, breathing or circulation cannot be managed or reinstated to the appropriate level of functioning. It does not cover the emergency life support, resuscitation and defibrillation aspects of managing airways, breathing and circulation.

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 apply standard precautions for infection control and other relevant health and safety measures, and wear personal protective clothing and additional protective equipment as appropriate
- P2 ensure that relevant equipment, tools and materials are available, prepared, and in a suitable state for use
- P3 use appropriate techniques and equipment, tools and materials to manage a viable airway, oxygenation and cardiac output for the individual
- P4 maintain and monitor the individual's airway, breathing and circulation appropriately, once these have been optimised, taking account of:
 - P4.1 the intervention which the individual is undergoing, during which they require management of their airways, breathing and circulation
 - P4.2 the physical characteristics of the individual
 - P4.3 the individuals medical history (where known)
 - P4.4 the individuals' presenting condition
- P5 take maximum care to avoid causing or exacerbating damage or injury to the individual as a result of maintaining their airways, breathing and circulation
- P6 monitor the individuals baseline observations throughout the intervention, taking appropriate prompt corrective action to maintain or restore acceptable baselines parameters, referring to others where necessary and appropriate
- P7 react promptly and appropriately when any or all of the individuals airway, breathing or circulation cannot be managed or reinstated to the appropriate level of functioning
- P8 discontinue your role in maintaining the individuals airway, breathing and circulation at the optimum point for:
 - P8.1 the successful completion of the intervention being performed on the
 - P8.2 the individual to take over independently managing their own airway, breathing and circulation
 - P8.3 another practitioner to take over responsibility for maintaining the process
- P9 respect the privacy, wishes, dignity and confidentiality of the individual throughout your interaction with them
- 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, protocols and guidelines
- P11 work within your scope of responsibility and accountability, referring to others where appropriate and/or necessary, in accordance with national

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and local legislation, protocols and guidelines

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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
- K2 your responsibilities under the current European, national and local legislation, policies, protocols and guidelines with regard to your actions within the EUSC environment
- K3 the legislation and policies which clarify your scope of practice and the relationship between yourself and other members of staff in terms of delegation and supervision
- K4 the principles of asepsis, the maintenance of the sterile field and the potential consequence of poor practice
- K5 the importance of protecting yourself and the individual by following standard precautions and wearing appropriate protective clothing when managing their airways, breathing and circulation during an invasive procedure
- K6 the potential consequences of poor practice in relation to the application of standard precautions
- K7 your role and the importance of working within your own scope of practice
- K8 the roles and responsibilities of other team members
- K9 the appropriate methods, procedures and techniques for managing airways, breathing and circulation for individuals undergoing invasive procedures
- K10 the procedures and techniques for monitoring and maintaining airway control and circulation, including the appropriate corrective actions to be taken
- K11 how to practise in such a way as to minimise complication and risk to individuals
- K12 the principles of local, general and regional anaesthesia with regard to their effect on managing airways, breathing and circulation for individuals undergoing invasive interventions
- K13 anatomy, general and system specific physiology and pathology and its application to the management of airways, breathing and circulation for individuals undergoing invasive procedures
- K14 the principles of respiratory and circulatory monitoring
- K15 the types, properties, function, effect and contra-indications of the pharmacological agents used in managing airways, breathing and circulation
- K16 the types of complications that might arise whilst managing an individual's airway, breathing and circulation, and the responses that should be made to deal with them
- K17 the resources necessary for managing airways, breathing and circulation, how to use them, and the implications of incorrect usage

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- K18 the importance of recording information clearly, accurately and in a systematic manner
- K19 the types of information that must be recorded in relation to the management of airways, breathing and circulation for individuals undergoing invasive interventions
- K20 the importance of recording information as soon after the event as possible

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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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