

## SFHCHS197

### Plan the maintenance of equipment and medical devices within healthcare



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#### Overview

This standard covers the requirements for planning the effective maintenance programmes for the equipment, medical devices or products used within health environments with the relevant stakeholders, end users and where appropriate external contractors. It is applicable to the wide range of equipment, medical devices, products and associated systems used within the range of health environments.

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 work within your level of competence, responsibility and accountability
- P2 liaise with stakeholders, relevant others and where appropriate external contractors to plan the scheduling of maintenance activities
- P3 clarify and confirm the required guidelines with any external contractor and key stakeholders concerning their scope and responsibility within the maintenance processes
- P4 ensure appropriate health and safety measures, standard precautions for infection prevention and control and where indicated suitable personal protective equipment is available and fit for use during the maintenance activity
- P5 identify and respond to advice and information about best practice from peers, relevant stakeholders and where appropriate external contractors
- P6 as appropriate, incorporate the recommended manufacturers maintenance schedule within protocols and procedures for servicing and maintenance
- P7 check adequate test equipment is available and fit for purpose
- P8 obtain risk assessments appropriate to the maintenance and where none exist, liaise with key stakeholders to develop appropriate risks assessments
- P9 set up measures to check the planned maintenance is effective and up-to-date
- P10 maintain full, accurate and legible records of information, store in the correct location in line with current legislation, guidelines, local policies and protocols

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### Knowledge and understanding

*You need to know and understand:*

- K1 your own level of competence, authority and knowledge base
- K2 why it is necessary to liaise with relevant stakeholders and end users to identify their needs when planning maintenance schedules and how to do this
- K3 the importance of the terms of the contract under which the equipment, medical device or product is supplied and its associated maintenance requirements
- K4 where maintenance is supported by an external contractor, how to obtain and check suitability of their quantitative and qualitative measures for the maintenance service
- K5 the importance of a risk-based planned maintenance programme for medical equipment, medical devices products and their associated systems within your work practice
- K6 the factors affecting decisions on maintenance activity; including urgency, downtime, impact on services and the availability of other equipment
- K7 how to interpret technical manuals, drawings, instructions and other information relevant to your work practice in the planning of the work activities
- K8 the principles of operation of specific equipment, its intended use, capabilities and limitations and its technological factors within your work practice
- K9 the range of health and safety measures, infection prevention control and the relevant personal protective controls and containment, their importance and application related to the planned maintenance activities
- K10 the correct procedures for handling and testing of the equipment and related technology during maintenance procedures
- K11 the equipment failure modes and the identification of which failure modes might effectively be reduced by appropriate preventive maintenance
- K12 the risks and implications associated with unsafe or non-maintained equipment
- K13 the importance of completing and maintaining accurate and clear maintenance records in a timely manner, in the correct format and location for the target audiences
- K14 the current national legislation, guidelines, local policies and protocols which affect your work practice
- K15 the policies and guidance that clarify your scope of practice, accountabilities and the working relationship between yourself and others

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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: EF2 Environments and buildings

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**Suite** Clinical Health Skills

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