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## Overview

This standard relates to first line calibration of specific equipment prior to clinical use. Individuals will be able to calibrate equipment for use in their own healthcare context. Individuals can use the standard for each type of equipment within the scope of their normal work activity.

This is not intended for use following major repair or service.

Users of this standard will need to communicate effectively to meet individuals' needs and wishes and work in line with health and safety legislation, policy and practices.

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## Performance criteria

### *You must be able to:*

- P1. identify and agree the roles and responsibilities of yourself and others in performing first line calibration on clinical equipment
- P2. assess decontamination status
- P3. run appropriate tests to confirm the operational status of equipment
- P4. calibrate equipment for operation:
  - a. using appropriate reference materials
  - b. to within correct parameters for intended purpose
  - c. against appropriate approved standards
  - d. in line with required schedule
  - e. using appropriate test equipment
- P5. verify accuracy, precision and operational effectiveness of equipment following organisational procedures
- P6. correctly identify equipment that does not meet calibration standards and take appropriate action to prevent inadvertent use
- P7. confirm that equipment is ready for intended use
- P8. notify appropriate others of the status of equipment on completion of calibration
- P9. dispose of waste in accordance with organisational procedures
- P10. complete all relevant documentation required for performing first line calibration on clinical equipment

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## Knowledge and understanding

### *You need to know and understand:*

- K1. how to access and interpret all relevant work instructions, legislation, guidelines, policies, procedures and protocols needed to perform first line calibration on clinical equipment to ensure it is fit for use
- K2. the scope and limitations of your own competence, responsibilities and accountability as it applies to your job role
- K3. specific procedures for reporting issues which are beyond your competence, responsibilities and accountability
- K4. the intended purpose of the clinical equipment
- K5. the importance of both accuracy and precision within calibration
- K6. the methods of first line calibration and quality assurance
- K7. the infection control requirements and decontamination procedures as they apply to equipment and environments
- K8. relevant reference materials
- K9. the significance of keeping calibration documentation
- K10. how to check for validity and reliability of tests conducted
- K11. the common faults in equipment and relevant corrective action
- K12. how to dispose of waste in accordance with organisational procedures
- K13. how to complete and safely store all relevant documentation in accordance with organisational requirements and the types of tests to be carried out

SFHGEN77

Perform first line calibration on clinical equipment to ensure it is fit for use



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