SFHRT23
Produce positive casts prior to rectification

Overview

This standard is about producing a positive cast from a negative cast. The positive cast has to be prepared prior to and ready for rectification. Users of this standard will need to ensure that practice reflects up to date information and policies.

Performance criteria

You must be able to:

- P1 apply standard precautions for infection prevention and control and take other appropriate health and safety measures
- P2 confirm that the negative cast and supporting documentation are for the same service user
- P3 confirm the prescription requirements from the information available and with the relevant person, if necessary
- P4 effectively clean and if necessary disinfect the negative cast, confirm that it is free of defects which would render it unacceptable
- P5 take appropriate action if the negative cast is not of sufficient quality and seek advice on action to take if necessary
- P6 assess the negative cast against the prescription and prepare it correctly to enable production of a positive cast
- P7 produce a positive cast using the appropriate process and materials
- P8 check the positive cast to ensure that it:
  - P8.1 provides an accurate image
  - P8.2 includes the detail and area that is required to make the custom made device
  - P8.3 is dense
  - P8.4 is free from voids or other visible defects
- P9 use working methods and systems throughout the process which are consistent with the assessed risks
- P10 identify the positive cast with the necessary information
- P11 make complete, accurate and up-to-date records relating to the identification, components and manufacture of the cast and store the records in the correct location consistent with relevant legislation

Knowledge and understanding

You need to know and understand:

K1 the current national legislation, guidelines and local policies and protocols which affect your work practice

K2 health and safety at work legislation and related procedures and liability, principles of, and how to apply legislation and regulations

K3 the reasons for maintaining records throughout the process and of clearly identifying the products during the manufacturing process

K4 the organisational procedures and requirements for the recording of information about incoming work, work in progress and work delivered, and the purpose of this

K5 quality audit systems, their purpose, nature and procedures, impact of the relevant regulatory body on the recording of incoming work, the detailed design and manufacturing specification and the recording of materials and processes

K6 the principles of quality assurance, processes and procedures for quality assurance in your workplace

K7 the methods used for setting and calibrating equipment and of testing that this is correct

K8 the effects of modifying manufacturers' components and products to meet production/usage requirements on the physical properties of the components/products and the legal implications

K9 the relevant regulatory body, currently in monitoring the progress of devices through the production process

K10 the characteristics, properties and the processing of the commonly used materials

K11 the characteristics, properties and the techniques of the commonly used tools and equipment

K12 the roles and responsibilities of the interdisciplinary team

K13 ethical considerations in rehabilitation technical services

K14 the musculo-skeletal system

K15 anatomical terminology

K16 forces and their effects on the human body including tissue mechanics

K17 the importance of reflecting on your practice and its relationship with continuing professional development

K18 the importance of keeping full and accurate records, and how to do so

Additional information

External Links

This standard links with the following dimension within the NHS Knowledge and Skills Framework (October 2004):

Dimension: HWB10 Products to meet health and wellbeing needs

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