SFHRT24
Carry out rectification of casts to meet the prescription

Overview

This standard is about the rectification process during which the pressures and forces are re-distributed according to biomechanical and anatomical principles, on the positive cast in accordance with the prescription. 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 cast and supporting documentation are for the same individual
- P3 make all adjustments to the cast to meet the prescription
- P4 work in collaboration with relevant others to achieve the prescription
- P5 check that the rectified cast meets the prescription
- P6 identify the rectified cast with the necessary information
- P7 use working methods and systems throughout the process which are consistent with the assessed risks
- P8 store the rectified cast, if necessary, or despatch it to the next stage of the manufacturing process
- P9 make complete, accurate and up-to-date records 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 in monitoring the progress of devices through the production process

K10 the roles and responsibilities of the interdisciplinary team

K11 the importance of reflecting on your practice and its relationship with continuing professional development

K12 ethical considerations in rehabilitation technical services

K13 the following:

K13.1 examination of the individual

K13.2 casting

K13.3 bench alignment, fitting and delivery

K14 measurement

K15 cast rectification methods

K16 cast/mould shape and contour

K17 the musculo-skeletal system

K18 anatomical terminology

K19 forces and their effects on the human body including tissue mechanics

K20 the characteristics, properties and the techniques of the commonly used tools and equipment

K21 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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