

SFHOPTM18

Manufacture half sphere eye prosthesis



Overview

This standard is about manufacturing half sphere eye prostheses, both individually and in bulk. 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 confirm that the specification is achievable
- P2 confirm that the equipment to be used is in safe working order, and has been correctly set up
- P3 identify and report any problems, beyond your level of responsibility or competence, to the relevant person
- P4 confirm that your measurement of the iris is consistent with the specification
- P5 identify the correct flask to be used
- P6 adhere to the correct Standard Operating Procedure
- P7 ensure that the sclera is correctly prepared and stored
- P8 ensure that the correct components are assembled to meet the specification
- P9 optimise the usage of the curing facility
- P10 verify the quality of your work against the specification
- P11 record relevant information correctly and legibly, and store records correctly
- P12 carry out your work safely
- P13 maintain the required standards of cleanliness

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Knowledge and understanding

You need to know and understand:

- K1 the manufacturing specifications
- K2 where to find, and how to use, the Standard Operating Procedure for the work instruction
- K3 how to interpret the work instruction
- K4 when out-of-specification half spheres can be re-worked
- K5 when equipment is in safe working order
- K6 how to operate equipment safely
- K7 the different types and uses of materials for manufacturing half spheres
- K8 how to identify the different types of half spheres requested, and how to size the eye accordingly
- K9 the different types and uses of materials
- K10 how to handle painted iris discs with care, and the consequences of not doing so
- K11 how to identify faulty and defective materials, and how to dispose of them
- K12 how to identify the current stage of production
- K13 the importance of using the correct flask at each stage of manufacture, and how they are identified
- K14 the importance of the correct positioning of half sphere shells on the flask base
- K15 how to recognise defects associated with half sphere processing
- K16 how to check the half sphere, and how to carry out final inspections
- K17 how to identify and store half sphere shells
- K18 how to select the correct half sphere shell for each order
- K19 the documentation to be completed, and the recording and storing systems
- K20 your responsibilities under the Health and Safety at Work Act, and the implications of non-compliance
- K21 the required standards of cleanliness, and how to maintain them

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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: HWB9 Equipment and devices to meet health and wellbeing needs

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