

SFHOPTM17

Produce cosmetic shell eye prosthesis



Overview

This standard is about manufacturing and painting a cosmetic shell eye prosthesis from a given specification. 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:

Manufacture the cosmetic shell

- 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 ensure that the centre of the iris is transferred accurately to the mould
- P5 ensure that the back surface of the cosmetic shell would be clinically acceptable after manufacture
- P6 ensure that the flasking specification is met, by using suitable working methods
- P7 identify any incorrectly processed sclera, and take appropriate action
- P8 ensure that the marking specification is met, by using specified working methods
- P9 ensure that any additional finishing work is carried out to specification
- P10 identify any incorrectly processed cosmetic shells, and take appropriate action
- P11 dispose of surplus material correctly
- P12 verify the quality of your work against the specification
- P13 record relevant information correctly and legibly, and store records correctly
- P14 carry out your work safely
- P15 maintain the required standards of cleanliness

Paint the cosmetic shell

You must be able to:

- P16 confirm that the specification is achievable
- P17 identify and report any problems, beyond your level of responsibility or competence, to the relevant person
- P18 confirm that your measurement of the iris is consistent with the specification
- P19 ensure that the painting specification is met by using specified working methods
- P20 verify the quality of your work against the specification
- P21 record relevant information correctly and legibly, and store records correctly
- P22 carry out your work safely
- P23 maintain the required standards of cleanliness

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Knowledge and understanding

You need to know and understand:

Manufacture the cosmetic shell

- 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 cosmetic shells 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 the flasking, encapsulation, curing, skimming and polishing processes
- K8 how to confirm the thickness of the shell
- K9 how to identify faulty and defective materials, and how to dispose of them
- K10 how to carry out the flasking, curing, skimming and polishing processes
- K11 the difference between a cosmetic shell and an artificial eye
- K12 how to recognise defects associated with cosmetic shell processing
- K13 how to check the cosmetic shell, and carry out final inspections
- K14 the documentation to be completed, and the recording and storing systems
- K15 your responsibilities under the Health and Safety at Work Act, and the implications of non-compliance
- K16 the required standards of cleanliness, and how to maintain them

Paint the cosmetic shell

You need to know and understand:

- K17 the manufacturing specifications
- K18 where to find, and how to use, the Standard Operating Procedure for the work instruction
- K19 how to interpret the work instruction
- K20 how to apply colour for prosthesis manufacture
- K21 when out-of-specification cosmetic shells can be re-worked
- K22 the documentation to be completed, and the recording and storing systems
- K23 your responsibilities under the Health and Safety at Work Act, and the implications of non-compliance
- K24 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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