

Phototherapy Eye Masks Revision Questions (Edition 1.0)

Please review the Introduction (DOCID 114100) and Technical (DOCID 114659) training notes in the document index and answer the following questions.

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What is phototherapy, and how does it treat jaundice in newborns? *

- It helps develop the newborn's liver
- It uses light to break down bilirubin in the blood.
- It uses sunlight to reduce jaundice.
- It stimulates the immune system.

What specific type of light and wavelength range is used for phototherapy? *

- Ultraviolet light (300-400 nm)
- Infrared light (700-900 nm)
- Blue-green light (430-490 nm)
- Red light (600-700 nm)

Why is it essential to use eye masks during phototherapy for newborns? *

- To improve sleep during treatment
- To protect the newborn's retinas from light damage
- To block all light from reaching the skin
- To help the infant see better post-treatment

What are the specifications for single-patient use and packaging for EyeMax2 and NeoMask masks? *

- Reusable, packaged in single units
- Reusable, packaged in boxes of 50
- Single-patient use, packaged in packs of 20
- Single-patient use, packaged in packs of 10

What are the design differences between the Maxtec EyeMax2 and Viamed NeoMask brands? *

- NeoMask is more cost-effective
- EyeMax2 has more colour options
- EyeMax2 provides less eye protection
- NeoMask is made of latex

How does blue light help break down bilirubin in jaundiced infants? *

- It stimulates liver function directly
- It converts bilirubin into a form the body can excrete
- It temporarily stops bilirubin production
- It causes the skin to absorb bilirubin

How is sizing determined? *

- Based on age
- Based on weight
- Based on head circumference
- Based on length

What departments commonly use phototherapy eye masks for newborn jaundice treatment? *

- A&E, Theatres, Paediatrics
- SCBU, NICU, Maternity/Delivery Suite
- Cardiology, Neurology, Neonatology
- Dermatology, Ophthalmology, NICU

What are some benefits of using NeoMask over EyeMax2, and what factors should influence the choice?

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- NeoMask has improved weight, bulk, and colour
- NeoMask is lighter, softer, and more durable
- NeoMask is less expensive and has design advantages i.e. additional tab to help placement
- NeoMask has fewer sizes available but fits most newborns

What materials and design features ensure that these eye masks block light while remaining safe for infants?

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- Transparent material with open sides
- Elasticated material with opaque inner eye pads
- Thin plastic with UV-blocking coating
- Light-permeable fabric without eye pads

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