



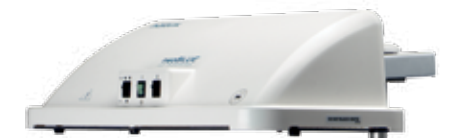
neoBLUE® LED PHOTOTHERAPY

OPTIMAL BLUE LED TECHNOLOGY FOR THE TREATMENT OF NEWBORN JAUNDICE



neoBLUE compact LED Phototherapy System

- Provides intensive blue light in a versatile and efficient design for treating newborn jaundice



neoBLUE LED Phototherapy System

- Most effective degradation of bilirubin¹
- Meets AAP Guidelines for intensive phototherapy²



neoBLUE blanket LED Phototherapy System

- Provides intensive phototherapy in a soft and flexible design that allows baby to be swaddled and held during treatment



neoBLUE cozy LED Phototherapy System

- Unique, cradling design facilitates use in multiple configurations and patient care settings

¹ Vreman HJ, et al. Light-emitting diodes: a novel light source for phototherapy. *Pediatric Research*. 1998; 44(5):804-809.
² Subcommittee on Hyperbilirubinemia. American Academy of Pediatrics clinical practice guideline: Management of hyperbilirubinemia in the newborn infant 35 or more weeks of gestation. *Pediatrics*. 2004; 114(1):297-316.

neoBLUE® LED PHOTOTHERAPY

MOST EFFECTIVE DEGRADATION OF BILIRUBIN¹

All neoBLUE LED Phototherapy Systems meet AAP Guidelines for intensive phototherapy²

INTENSITY

- All neoBLUE systems deliver intensive phototherapy: > 30 $\mu\text{W}/\text{cm}^2/\text{nm}$

SPECTRUM

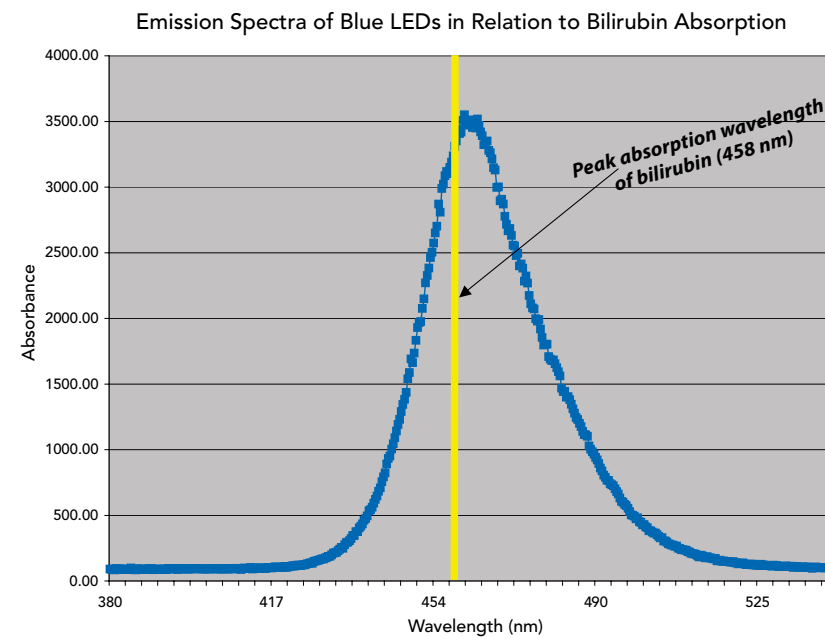
- All neoBLUE systems utilize blue light emitting diodes (LEDs)
- neoBLUE LEDs emit blue light in the 450-475 nm spectrum matching the peak absorption wavelength (458nm) at which bilirubin is broken down¹

SURFACE AREA COVERAGE

- Arrangement of LEDs in neoBLUE systems allows optimal coverage of light over baby

SAFE

- neoBLUE LEDs do not emit significant light in the ultraviolet (UV) range – reducing the potential risk of skin damage
- neoBLUE LEDs do not emit significant light in the infrared radiation (IR) range – reducing the potential risk of fluid loss



OPTIMAL EFFICIENCY

- neoBLUE LEDs reduce costly and time-consuming bulb replacements by providing thousands of hours of use
- neoBLUE LED panels are field serviceable – no downtime associated with patient care
- Biomedical engineers can adjust the output of the neoBLUE LEDs on all neoBLUE systems
- Device timers assist in tracking overall usage of the neoBLUE LED panels

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neoBLUE® LED PHOTOTHERAPY

A FAMILY OF PHOTOTHERAPY PRODUCTS AND SOLUTIONS