

Astodia

The Next Generation in Neonatal / Pediatric Vein Illumination



- Quick and efficient vein location for pediatric use; ideal for premature and newborn infants
- LEDs placed underneath target for maximum surface illumination
- Red and yellow LEDs allow for optimum illumination at various tissue depths
- Nine different illumination settings provide peak performance in various environments
- Slim handset for maximum manipulative ability
- Ideal for hydrocele and pneumothorax identification
- Safety dimmer / cut-off protects sensitive skin
- Pocket size for easy portability
- Rechargeable battery -- device is always ready for use

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Astodia -- Innovation in Vein Illumination

Astodia is ideally suited for pediatric applications, especially with premature and newborn infants. The LEDs illuminate from underneath the target area, providing clearer resolution for easier vein identification to help eliminate multiple punctures.

The hand held-device is portable and easy to maintain. The small size and smooth surface allows the clinician to grasp the patient's extremity while maintaining hold of the illumination wand, as well as access difficult to reach areas..

Astodia utilizes red and yellow lights individually to accommodate different patient sizes and vein depths. The yellow light is for locating smaller veins closer to the skin surface, while the red light illuminates deeper targets.

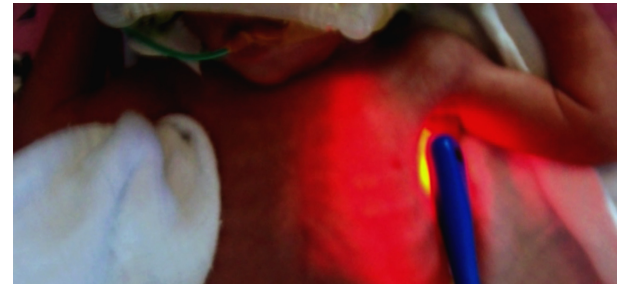
The LEDs have nine gradients of brightness for use in different settings. This feature also allows for clear vein targeting at various tissue densities.

Astodia also has a built-in safety feature that dims the LED after two minutes and turns the device off after five minutes. This helps to avoid possible heat issues with sensitive skin as well as reserve battery power.

In addition to vein illumination, Astodia is useful in diagnosing hydroceles and pneumothorax conditions. As the device is fully portable, the patient may be examined with minimal movement.



Vein illumination in premature infant



Pneumothorax illumination in premature infant

Hit Your Target the First Time... with Astodia

Technical Specifications

Control Unit Dimensions (max.)	14 cm x 6.5 cm x 4.0 cm / 5.5" x 2.6" x 1.6"
Illuminator Dimensions (max.)	6.8 cm x 1.6 cm x 1.0 cm / 2.7" x 0.6" x .40"
Cord Length -- control unit to tip of illuminator (m / ft.)	1.22 m / 4'
Control Unit Weight (g / oz.)	190 g / 6.6 oz.
Cord / Illuminator Weight (g / oz.)	30 g / 1.1 oz.
Total Weight (g / oz.)	220 g / 7.7 oz.
Dimming Ability	Nine gradients (red and yellow)
Safety Features	Timed dimmer and cut-off
Energy Source	4.8 V integrated, rechargeable battery
Electrical connection while charging	100 - 240 VAC \pm 10%; 50-60 Hz charger



International Standards and Classifications:

EN 60601-1: 1990+A1: 1993+A2: 1995 -- Electrical medical equipment, Part 1 - General safety specifications

EN 60601 - 1 - 2: 2007 -- Medical electrical equipment, Part 1-2, Electromagnetic compatibility - Requirements and tests

Astodia complies with the requirements of the Class I (regulation 10) of the Medical Device Directive 93/42/ECC

Astodia Package: Control Unit, Cord and Illuminator, Battery Recharger, Carrying Case, and Operations Manual.

ORDERING INFORMATION

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