

TRENDS AND TECHNOLOGY

BASKA mask



The Baska Mask (PROACT Medical Systems, Frenchs Forest NSW, Australia) is CE-approved EAD, provided in single use and multi-use versions. Baska mask is a cuffless device

with a membranous bowl which inflates with each positive pressure and then deflates to atmospheric levels during passive expiration. The Baska mask brings together features of LMA-ProSeal and LMA-Supreme. The Baska Mask has an inbuilt tab that enables its ability to increase its angulation for negotiation of the oropharyngeal curve during insertion. Baska Mask is supplied in 4 sizes Sizes, 3, 4, 5 & 6.

Distributors: PROACT Medical Systems, Device Technology, Frenchs Forest NSW, Australia; <http://www.baskamask.com.au/>

Patient monitoring and connectivity platform



Introduced by MASIMO, ROOT is a wireless hand held monitor designed to allow patient mobility along with continuous monitoring. It has an intuitive, touch screen navigation adaptable for use at any location enabling early identification of clinical deterioration. Has integrated modules for advanced neuromonitoring and SpHb to help clinician manage blood transfusion

and identify occult bleeding. Also designed to expand the platform's measurements. Can assess fluid responsiveness and has connectivity gateways for IV pumps, ventilators, beds and other monitors.

Distributors: Masimo International; E mail: info-international@masimo.com; info-america@masimo.com; www.masimo.com



Fluid warming systems

The 3M™ Ranger™ blood and fluid warming systems with Smart Heat technology adapt to fluid warming need from KVO to 30,000 mL per hour.



A variety of disposable sets meet the criteria for fluid warming including high flow sets with automatic air elimination to help prevent inadvertent events. By using the natural buoyancy of air in liquids it can automatically vent up to 3,000 ml of air / minute.

Distributors: 3M Europe; E-mail: www.3m.com, www.solutions.3m.com

Optiscope

Optiscope (Clarus Medical, Minneapolis, MN, USA) is a semi-rigid fiberscope/ video stylet device for endotracheal intubation. It has a semi-rigid fiberscope with two light sources



and a 4-inch LCD monitor. Intubation can be performed while visualizing the patient's larynx through the monitor. The angle of the tip can be adjusted for each patient, and blind endotracheal intubation can be performed as with a lightwand, using the red light source. Endotracheal intubation can be accomplished either by optiscope or with laryngoscope.

Distributors: Clarus Medical, Minneapolis, MN, USA; E-mail: www.clarus-medical.com

New Cannula Design with Integrated Local Anesthetic Delivery System



Oliver Blackwell, an English product designer, has come up with a new device for easing the pain while intravenous cannula insertions by

automatically delivering local anesthesia through a small needle before intravenous cannulation. The all-in-one unit should speed up the process by combining multiple steps into one while limiting mistakes and, hopefully, infiltrated veins.

Triton Canister App to monitor blood loss in surgical containers

Gauss Surgical, brings an app that measures the amount of blood left in surgical sponges by simply taking photos of them. It has received FDA approval for an app that estimates blood loss in surgical suction containers. A clinician simply points the Triton Canister iPad app at a container and presses the "scan" button. The app uploads the image to the company's cloud system that processes the snapshots, estimating the hemoglobin level and blood loss. It can purportedly do this in different conditions and even with saline fluid present in the same canister.



Distributors: Gauss Surgical, Inc. Los Altos, CA.; www.gausssurgical.com

Handheld Ultrasound for Peripheral IV Placement



Analogic has unveiled its new Sonic Window handheld ultrasound system to help in placing peripheral IVs.

The Sonic Window has an ultrasound transducer, computer, battery, and display in one system. The small, lightweight device, which is the size of a TV remote control, requires only one hand for operation. It provides a real-time view of the anatomy, allowing the clinician to quickly measure the size and depth of veins before venepuncture. The system's controls may be manipulated during scanning without any interruption to the image on the screen. It has a rechargeable battery and does not need to be plugged in to operate.

Distributors: Analogic Corporation, Peabody, MA; www.analogic.com

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