**TRENDS & TECHNOLOGY**

**Touchscreen Point of Care Ultrasound with TEE**
The new touch controlled TE7 ultrasound system has a 15 inch anti-glare touchscreen, preset image optimization options, continuous wave Doppler, and the ability to accept a TEE transducer. The system is also capable of performing needle tracking and comes with built-in nerve exam presets. The device features a speedy three second boot time from standby, can run for two hours on a battery, and has a built in WIFI to interface with the hospital’s PACS system.
Source: Mindray (Shenzhen, China) www.mindray.com

**App-based Ultrasound System**

Philips new ultrasound system uses your own tablet as the display and interface. The Philips Lumify looks just like a typical transducer, but has a micro-USB plug on the far end. Download the Lumify app onto a compatible Android tablet, plug in the transducer into the micro-USB socket, and get a proper US system. One can select the tablet that fits needs in terms of size, weight, and other characteristics. Moreover, the app allows for easy sharing of scans.
Source: www.usa.phillips.com

**Dual Ultrasound Probes in Single Handheld Device**

GE Healthcare has introduced a dual-probe version of its ultra-portable Vscan ultrasound. The new version includes a linear transducer within the same imaging pen to visualize shallow target in addition to the single phased array transducer for deep targets.

The controls are within a thumb’s reach. From the probe tip to the display, everything is easily cleanable. Easy-to-swap batteries can extend operation all day long.
Source: GE healthcare, Vscan www.gehealthcare.co.uk

**AxioTrack Needle Guide**

Sonosite has launched its AxioTrack needle guidance technology on the SonoSite M-Turbo line of ultrasounds. It allows for needle placement directly into a vessel deep within the body. In addition to ultrasound localization within tissue, AxioTrack uses magnets to spot the location of the needle, allowing for confident placement and faster procedures.
Source: Sonosite, Axotrack needle guidance technology www.sonosite.com

**First Response Monitor Tracks Heart, Respiratory Rates in Multiple Trauma Victims**
The First Response Monitor has been designed to help first responders to manage multiple victims during emergency situations. It clips onto the nose and monitors the heart and respiratory rate of the person wearing it. The readings can be transmitted in real-time to a paired smartphone or tablet via the Bluetooth. EMTs or battlefield medics can quickly snap the devices on all the trauma victims in their care and begin monitoring their vitals en masse.

**Esophageal Cooling Device First to Control Body Temp from Within**

Advanced Cooling Therapy received FDA clearance for its Esophageal Cooling Device (ECD). The ECD is used to cool patient body temperature via the esophagus. It is a disposable, single use device that has three channels, two of which are for running fluids and the third one for drainage and decompression. It is positioned like an oro-gastric tube which is connected to temperature control equipment, and thus running to control body temperature from within.
Source: Advanced Cooling Therapy 34405. Deaborn St. Suite # 215 South Chicago, Illinois 60616 Mask that Keeps Waste Anesthesia Gas Away from Clinicians in PACU