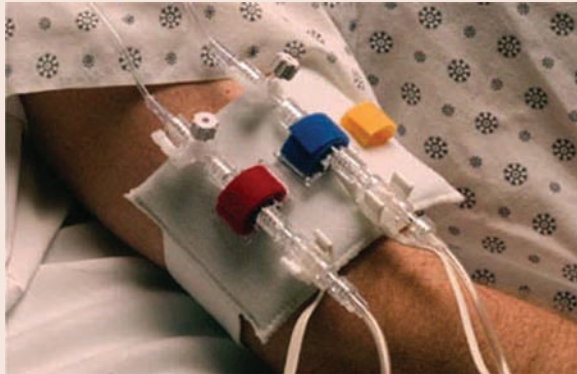


TECHNOLOGY & INVENTIONS

This column focuses on the latest products, devices, and ideas to improve emergency medicine practice. Brief news releases and photographs are welcome. Electronic submissions are preferred. Images must be 300 dpi, in tiff, jpeg, or eps format, and at least 4" x 4" in size. Images submitted in PowerPoint, Word, or Excel are not accepted. Please send information to emn@lww.com.

Transducer Holder

The Dale Transducer Holder, which can accommodate up to three transducers, eases the task of hemodynamic monitoring by facilitating patient repositioning or transport. The holder features a



soft, conforming platform on which CVP, arterial, and PA pressure lines can be secured via color-coded holding tabs. It attaches to the upper arm with an elasticized strap and adjustable Velcro closures, eliminating the need for medical tape. The Dale Transducer Holder is individually packaged and sold in boxes of 10. For more information, contact Dale Medical Products at (800)343-3980 or visit www.dalemed.com.

Alarm Thermometer

The Dickson Alarm Thermometer is now available in two versions for monitoring drug storage temperatures. The single-probe MM120 works in refrigerators and freezers,



and the two-probe MM125 can monitor both simultaneously. Both versions feature visual and audible alarms and as an LCD display of current temperatures, minimum and maximum temperatures, and battery levels. The Dickson Alarm Thermometer works with a temperature range from -58°F to 158°F. For more information, contact Dickson at (800)757-3747 or visit www.dicksondata.com.

LED Flashlight

Streamlight recently introduced the C4 Strion LED Flashlight, a lightweight, aluminum flashlight with three light intensity modes and a strobe function. With C4 LED technology, it provides 2,300 candela peak beam intensity and 40 lumens of measured system output in low mode; 4,400 candelas and 80 lumens in medium mode; and 8,800 candelas and 160 lumens in high mode. This model weighs 5.22 ounces, and the lithium ion battery can be fully recharged in three hours. For more information, contact Streamlight at (800)523-7488 or visit www.streamlight.com.

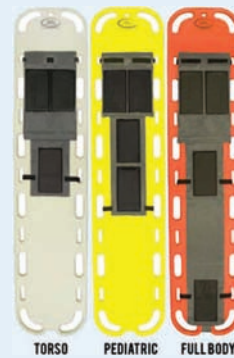


Protection Kits

DQE recently introduced SafePaq, a blood and virus protection kit that meets OSHA standards and CDC guidelines. The SafePaq contains a protective coverall with attached hood, elastic wrists, and skid-resistant integrated boots; two pairs of nitrile exam gloves; N95 respirator; and safety glasses. Ten individually wrapped SafePaq kits are packaged in a dispenser box for rapid use. For more information, contact DQE at (800)355-4628 or visit www.dqeready.com.



Spine Board Pads



Trauma Technologies' Protech Gel Products are for use with spine board immobilization. The Protech line provides a gel layer between the patient and spine board, which disperses pressure, preventing further injury and increasing comfort. Gel pads come in full-body, torso, pediatric, and individual sizes, and are easily cleaned by hand or machine. For more information, contact Trauma Technologies at (814)774-8219 or visit www.traumatechinc.com.

Medical Search Engine

SearchMedica.com recently received the 2008 Best Directory/Search Engine Award from the Web Marketing Association. The site indexes medical information approved for inclusion by medical editors



and a physician editorial board. Medical professionals receive smaller sets of search results from SearchMedica than from mainstream search engines. The site is supported by advertising, and is free to medical professionals, but search results are guaranteed to be independent and unbiased.

Monitor-Defibrillator

Royal Philips Electronics recently enhanced HeartStart MRx, its monitor-defibrillator for advanced life support-trained caregivers. The HeartStart MRx now



includes clinical decision support tools for the diagnosis of STEMIs and a Q-CPR tool, which displays visual feedback for the first responder directly on the patient's chest. The updated product also streamlines the flow of patient information by collecting ECG and vital stats in the field and sending these data to the receiving hospital, and contains an Ethernet port that allows for IP-based transfer of code event summaries. For more information, contact Philips at (800)453-6860 or visit www.philips.com.

Perfusion Device

The ResQPOD from Advanced Circulatory Systems was recently the focus of four independent research presentations at the American Heart Association's Scientific Sessions. An impedance threshold device, the ResQPOD provides perfusion by regulating pressures in the thorax during hypotension. It may be used with a facemask or an ET tube. Two of the studies presented at the AHA Sessions involved the ResQPOD as a component of aggressive interventions used to improve overall outcomes for patients suffering cardiac arrest. For more information, contact Advanced Circulatory Systems at (866)737-7763 or visit www.advancedcirculatory.com.



BP Cuff Barrier

TIDI Products has developed a blood pressure cuff barrier, a disposable wrap that protects against bacteria. The self-adhering barrier covers a patient's upper arm prior to the application of a blood pressure cuff. The soft tissue side on the patient's skin provides comfort, while the polyethylene backing provides leak-proof resistance to fluids, reducing contamination and extending the life of the equipment. For more information, contact TIDI Products at (920)751-4300 or visit www.tidiproducts.com.



Portable Medical Bed

AliMed Westcot Beds provide health care facilities and emergency responders with portable medical beds for patient capacity surges. The aluminum beds fold for storage, include a high-density foam mattress, and can hold up to 400 pounds. Westcot Beds also include a foot elevator that locks in the elevated and resting positions, patient restraint straps, and bacteria traps. AliMed offers accessories for the Westcot Bed, such as an IV pole, hanging drawer, and triage flags. For more information, contact AliMed at (800)225-2610 or visit www.alimed.com.



Electronic Documentation

The Sullivan Group and EPOWERdoc have teamed up to create a hybrid documentation system for the ED. Combining the simplicity of paper with the power of electronic support and web based education, this system offers a prompted medical record built for more than coding and billing. The program also has a web-based risk and safety education program with CME accreditation and electronic, real-time system that allows clinical decision support via research of risk factors, table research, and procedural diagrams. For details, call (866)633-7475 (866/MED-RISK) or visit www.epowerdoc.com.

