

# EMS<sup>®</sup>

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## SafeGuard Transport from SafeGuard

The safe transport of children has seen a hodgepodge of approaches, from using an adult cot and padding it with blankets to trying to retrofit child seats designed for automobile use. Thankfully, those jury-rigging days may be coming to a close.

New from SafeGuard comes the first cot-mounted restraint system for transporting children, the SafeGuard Transport. Prior to this product hitting the market, there was no restraining device for children greater than 40 pounds. The SafeGuard Transport will work on children from 22–100 pounds!

The SafeGuard Transport fastens to your cot in about 60 seconds using color-coded webbing with snap hooks. Once in place, its design allows it to move in sync with the backrest on the cot, giving you multiple positioning options. One simple operation tightens the harness and adjusts the height, securing the child in seconds into a five-point restraint. The device features a seamless foam pad of self-skinned Neoprene that is impervious to body fluids and easy to clean. The belts are easily replaceable, should the need arise.

Developed in collaboration with the Riley Hospital for Children in Indianapolis, the SafeGuard Transport has extensive crash-test data to support its effectiveness. It's lightweight and folds flat for easy storage, allowing easy integration into EMS operations while at the same time stowing efficiently in the too-often limited storage areas on your rig. Step up to the plate and provide safe, dependable transportation for your smaller customers.

For more: [www.safeguardseat.com](http://www.safeguardseat.com); 800/586-7839.



## CELOX-A from SAM Medical Products

Quickly controlling life-threatening bleeding can range from challenging to almost impossible, especially with deep wounds or arterial involvement. More than I care to recall, I've worked some incredible traumas where we just kept piling on the 4 x 4s, and they just kept soaking up blood. In some cases, I'm talking a three- or four-inch pile of 4 x 4s! Even with direct pressure, we usually could not get an arterial bleed to actually stop.

The daunting task of bleeding control just got much simpler with the introduction of CELOX-A from SAM Medical Products. CELOX-A is a high-performance hemostatic material designed

to control even high-volume arterial bleeding. Using proprietary marine biopolymers, CELOX-A is a granular product that rapidly controls bleeding without the heat-generating characteristics of other bleeding-control products. CELOX-A comes in lightweight sealed packets you can open in seconds. Pour it into the wound, cover it with a dressing and hold it in place for five minutes. After that, you can apply a compression bandage over the dressing and get on with other business.

Because CELOX-A works outside the normal clotting cascade of the body, it is effective even on heparinized blood. With whole blood, clotting occurs in 30.5 seconds. With heparinized blood, it takes 48. Even blood at 68°F clots in 25.5 seconds. In a trial involving six patients with severed femoral arteries, 100% survived thanks to CELOX-A.

CELOX-A is available in single-dose packaging that requires no special storage. Given its outstanding performance characteristics, you can't ask for a better product for the control of anything from minor bleeds to devastating arterial squirts.

For more: [www.sammedical.com](http://www.sammedical.com); 800/818-4726.

## Cardio2Go from Thomas EMS

Let's say you're working a tough extrication, and all of sudden a colleague says they feel weak. Imagine having a hand-held ECG unit, slightly longer and thinner than a deck of cards, that has "dry-thumb" technology, eliminating the need to place gel electrodes or connect a patient cable. Imagine you could have the patient's initial ECG on the screen within seconds, and within half a minute the software would provide you with their heart rate, QRS duration and ST elevation or depression.

Now quit imagining, because all that is currently available with the Cardio2Go from Thomas EMS. Using patented software and receptors, the Cardio2Go reads a lead 1 tracing, providing you with all the data previously described. The data is downloadable using a standard USB cable, and you can archive up to 100 events, storing them as PDFs. You also have the option of printing hard copies of ECGs, as well as e-mailing them to physicians for additional review and analysis. Optional software will also analyze the PR and QT intervals.

The Cardio2Go is powered by two AA batteries and weighs less than six ounces. It comes with a padded Velcro cover, a close-to-indestructible Pelican carrying case, and a one-year manufacturer's warranty. Add to that the incredible performance of the Cardio2Go, and you have the whole deal in obtaining valuable cardiac information quickly and simply.

For more: [www.thomasems.com](http://www.thomasems.com); 800/505-6503.

