For patients suffering from traumatic injury or dehydration, prehospital protocols typically call for the infusion of IV fluids. Increasingly, the EMS community is learning the importance of control. Too much fluid might dislodge clots and dilute the blood’s oxygen-carrying capacity in patients with uncontrolled hemorrhage, or cause other complications such as pulmonary edema that appear after the patient has been transferred to the hospital. On the other hand, critically hypovolemic patients can die without adequate prehospital intervention, particularly if they cannot be delivered to a hospital quickly.

The ZOLL® Power Infuser® offers an unprecedented level of control when infusing IV fluids or blood. Whereas the limit on volume with traditional gravity or pressure bag driven infusions might be the end of a liter bag, the Power Infuser® can deliver an automatic 250ml bolus at the push of a button. It can infuse this bolus rapidly – 250ml in two-and-a-half minutes – but it can also be turned down as low as 200ml per hour for more stable patients.
Developed in cooperation with the Walter Reed Army Institute of Research, this device is the first portable electronic pump specifically intended for fluid resuscitation, not drug delivery. It was built for the battlefield – small, rugged, easy-to-use, approved for use in aircraft – and is ready for the EMS world.

An Extra Hand When You Need it Most

Military personnel can place the IV bag on or even below the patient to simplify extraction or transport, while freeing up a pair of hands.

A Miniature Pump for Controlled Delivery of IV Fluids and Blood
Improve Adherence to Protocols

Ensure Adequate, but not Excessive Hydration

“The Power Infuser provides EMS with the means to deliver prehospital IV fluids accurately, in accordance with established protocols. The control provided by the Power Infuser minimizes the chance of under- or over-hydration in our patients.”

– David Jaslow, MD, MPH, FAAEM
Chief, Division of EMS,
Operational Public Health and Disaster Medicine,
Department of Emergency Medicine,
Albert Einstein Medical Center

The Power Infuser is just one of a full line of integrated resuscitation solutions designed to help rescuers improve practices and save lives. For more information, call 800-804-4356 or visit www.zoll.com.