

Blood Pumping System® (BPS)

The Blood Pumping System® (BPS) is a Hyper-Realistic™ medical training system designed to simulate human life threatening hemorrhage in conjunction with the simulated human injury patient. The BPS is an innovation in patient worn bleeding simulations mimicking a small day pack. The BPS is self-contained and allows for (4) simultaneous bleeds controlled by a wireless fob. Each line can be controlled by the operator to simulate both venous and arterial bleeds. The BPS comes in a Basic and Deluxe model.



Basic version includes:

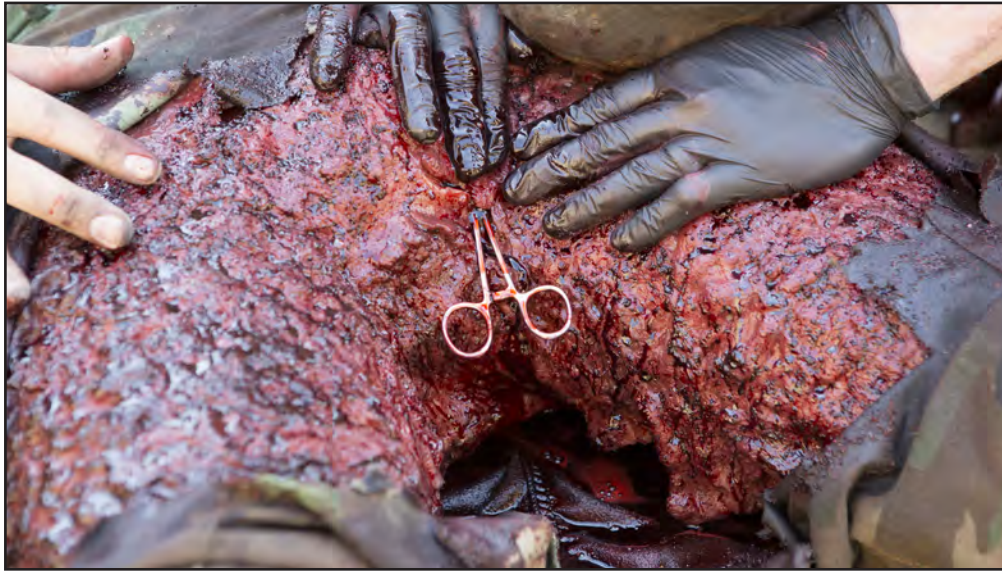
- One (1) femoral sleeve with shorts and protective guard
- One (1) brachial sleeve (without bone) and protective guard
- 2.5 gallons of blood concentrate for up to 12.5 gallons of Artificial Blood.

Deluxe version includes:

- Two (2) femoral sleeves (1 with / 1 without pants and a protective guard)
- Two (2) brachial sleeves (1 with / 1 without bone and a protective guard)
- Blast Pants
- 2.5 gallons of blood concentrate for up to 12.5 gallons of Artificial Blood.

BY WEARING THE PROTECTIVE SHIELD, THIS ALLOWS FOR PROPER TOURNIQUET APPLICATION AND WOUND PACKING WITHOUT INJURY TO THE SIMULATED PATIENT.

Blood Pumping System® (BPS)



Vessel clamping of a life threatening bleed



Internal hemorrhage compression applied to an upper extremity life threatening bleed



Packing of a lower extremity life threatening bleed



Tourniquet application to an upper extremity life threatening bleed



Tourniquet application to a lower extremity life threatening bleed