The purpose of this training model is to utilize a Pork Loin/Pork Belly to simulate a severe extremity hemorrhage on a real world casualty. The model offers realistic training on Hemostatic Agents that are currently available for today's first responders and medical professionals. (I.e. Combat Gauze, WoundStat, HemCon, QuickClot, Celox). Below is a list of equipment that you will need, and the step by step process you can follow to reproduce the model.

Equipment

Pork Loin

Trocar

Blood Bag w/ IV tubing (or surgical tubing set up to IV blood bag)

Zip Ties /Flex Cuff's

Trauma Shears

Fake Blood

Hemostatic Agent

Optional

Clothing (Old BDU's/Tactical clothing for realism)

Firecrackers (M-60's for creating Wound Track/Wound Bowl)

Process

A Pork Loin with skin and subcutaneous fat intact is prepared:

1. Cut out a small section of the Pork, and stuff an M-60 firecracker into the main body to create a wound track/wound bowl.
2. Fill up your blood bag with the fake blood, and allow the blood to run through the tubing insuring that there are no cuts or kinks in your line.
3. Attach the IV/Surgical tubing to the tip of the Trocar, and from the opposite side of the wound, create a tunnel through the muscle to the wound bowl using the Trocar.
4. Separate the IV tubing from the Trocar and insure that the tubing is positioned in the bottom of the wound bowl.
5. Zip tie/flex cuff the tubing to the Pork loin from at the edge of the wound bowl and at the point where the tubing makes entry into the meat.
6. Place the pork loin inside of a shirt sleeve or a pant leg to help add to the realism of the model. After the clothing is in place, zip tie/flex cuffs the ends of the clothing to the pork.
7. Release the stopper on the tubing and allow the wound bowl to fill up and over flow on the clothing to ensure your IV line is still in the proper position and to also add to the realism.
8. Squeeze the blood bag to produce rapid blood loss.