



Tactical Emergency Consulting International, Inc.

Date: February 16, 2016
From: Timothy A. Coakley MD FAAEM
CDR MC USN (ret)
Board Certified in Emergency Medicine
4505 Main Street, STE 116
Virginia Beach, VA 23462
Mobile Phone 757-508-1022
To: Core Scientific North America

Subj: Woundclot Hemostatic Dressing

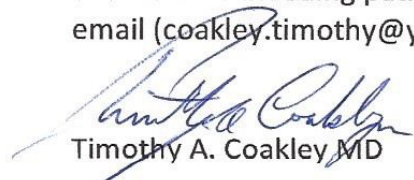
To whom it may concern,

I am an emergency medicine physician with over 18 years of clinical practice and who has served almost 30 years in the US Naval service with multiple combat deployments. During my time in the service, I served as a combat medical equipment and technology development advisor to both the US Navy and USMC. I have been in the hemostatic dressing evaluation and development field for over 10 years. I have evaluated all the current hemostatic technologies on the market such as chitosan, kaolin, bamboo, thrombin, algae, spray foams, instilled expanding pellets, methylcellulose, and many others. I have used most of these products in combat and in the trauma center where hemorrhage is the number one cause of death due to trauma. I have had minimal success with actual use in hemorrhaging patients.

I was approached a year or so ago to evaluate a new technology, the Woundclot Hemostatic dressing. I was instructed to NOT apply direct pressure over the gauze and to just hold it in place. This was counter intuitive to every hemorrhage control maneuver I have ever been taught. I first used the product in a transected groin arterial and vein injury during live tissue training. I was amazed that the product actively initiated a firm clot in the wound in less than a minute and a half with NO direct pressure. This process was repeated in several other animals that were coagulopathic and cold. I have found that the gauze was successful in these animals as well. The key was to NOT apply heavy direct pressure in the wound as the blood activates the hemostatic process in the gauze. I then received samples which I have since used in my practice in the emergency department and trauma bay. It was successful every time. I have used the dressing in a large femoral hemorrhage, scalp lacerations, large tissue defect injuries, arterial bleeding, nose bleeds, and a variety of other wounds, all with success in stopping the bleeding. My colleagues all had the same comment when they witnessed it's use, "Where can I get this product?".

This product is amazing and unlike any I've evaluated or used in the past. It can be removed without disrupting the clot and does not generate heat or have any deleterious effects in the wound. I feel it is the single most innovative and effective product in hemorrhage control.

I give my highest recommendation for this product to be used in the emergency department, operating room, ambulances, field medical kits, or anywhere where a first responder or law enforcement may encounter a bleeding patient. Please feel free to get a hold of me via my mobile number (above) or my email (coakley.timothy@yahoo.com) if you should have any questions or need for further information.



Timothy A. Coakley MD