

XSTAT® Clinical Evidence

Peer-Reviewed Journal Articles

Warriner Z, et al. Initial evaluation of the efficacy and safety of in-hospital expandable hemostatic minisponge use in penetrating trauma. *J Trauma Acute Care Surg.* 2019 Mar; 86(3): 424-430.

Mueller, et. al. A novel sponge-based wound stasis dressing to treat lethal non-compressible hemorrhage. *J Trauma Acute Care Surg.* 2012 Aug; 73

Kraugh, et al. Gauze vs. XSTAT in wound packing for hemorrhage control. *American Journal of Emergency Medicine*, 2015; 03. 048.

Butler, Frank. Leadership lessons learned in Tactical Combat Casualty Care. *J Trauma Acute Care Surg.* 2017; 82(6) Supp 1.

Otrocka-Domagala, et al. Safety of the long term application of QuickClot Combat Gauze, Chitogauze Pro and Celox Gauze, *Polish Journal of Veterinary Sciences.* 2016; 19(2): 337-343

Allison, H. Hemorrhage Control: Lessons Learned From the Battlefield Use of Hemostatic Agents That Can Be Applied in a Hospital Setting. *Crit Care Nurs Q.* 2019; 42(2): 165–172

RevMedX Published Data

GLP Evaluation of XSTAT Dressing in a Swine Femoral Model

Evaluation of XSTAT Dressing in a Swine Subclavian Model

Instructions for Use videos

XSTAT-30 Applicator Mechanical Verification Report

Tactical Combat Casualty Care (TCCC) Guidelines for Medical Personnel

RevMedx Summary of XSTAT Field Uses

Bullard, M. et. al. Comparison of XSTAT with and without a hemostatic agent in swine hemorrhage models. Presented as a poster at MHSRS, Kissimmee, FL, Aug 2016

XGAUZE® Clinical Evidence

Benchtop Studies (MKT-0005-01):

XGAUZE required 44% less time to apply compared to standard Kerlix gauze

XGAUZE exerted significantly more pressure than standard Kerlix gauze – 57% more pressure in the bottom of the wound (107 vs 68 mmHg) and 109% more pressure in the side of the wound (67 vs 32 mmHg).

Hemostatic gauze shown to be effective in achieving hemostasis – but requires additional external pressure.

Therefore, XGAUZE can serve as multiplier with hemostatic gauze, and alleviate the need for extended manual pressure application



Multinational Emergency Response Medical Team (MERMT) in Iraq: Used **over 300 times** in Mosul from February 2017-May 2017:

“We definitely see the benefits of XGAUZE and think if used in the correct application you would be hard pressed to find a product that works as good as it does on larger wounds, as it clearly aided in bleeding control and saved lives”