

# PRODUCT SHEET

# DERT

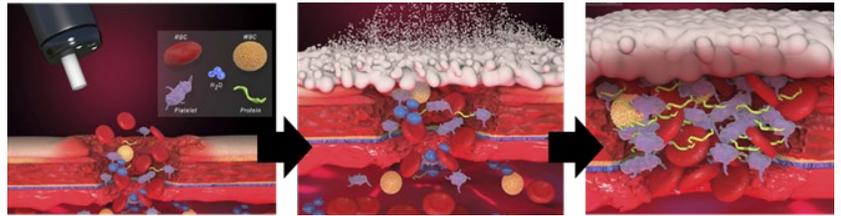
Dispersible Emergency Response Treatment



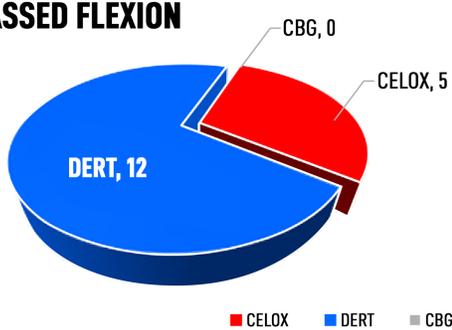
- Control of severe bleeding
- Immediate coverage, bonding and clotting
- Significantly reduces blood loss
- Clot remains in place under pressure and flexing



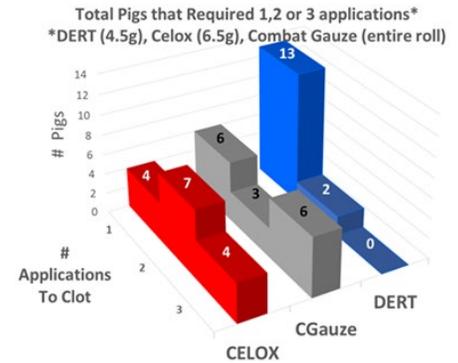
DERT is a hemostatic agent that prevents life-threatening blood loss due to traumatic injuries. Upon application to a wound, DERT clots within 10 seconds due to strong red blood cell coagulation, plasma absorption, and platelet aggregation and adhesion.



## PASSED FLEXION

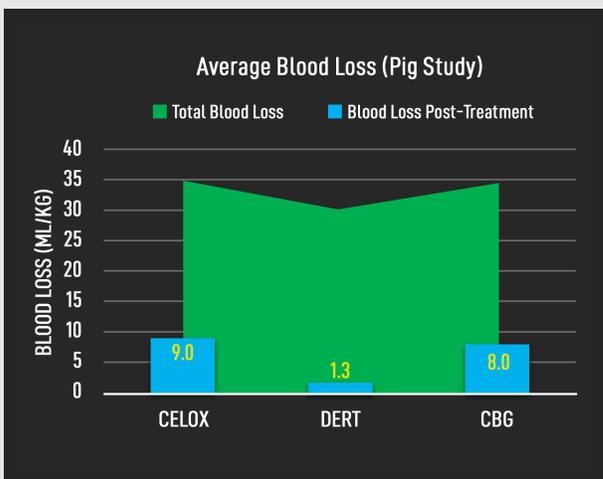


Oceanit received IACUC and ACURO approvals to test the hemostasis of DERT in a large (pig) animal model of junctional hemorrhage with hyperdilution and hypothermia. The amount of blood loss, number of applications required to achieve clotting, and ability to maintain the clot after flexing was monitored compared to standard Combat Gauze (CG) and a competitive product, CELOX Hemostatic Granules (CHG). Although less material was used for DERT compared to CGH and CG, it was proven to outperform both the competitor and CG.



- DERT only required 1 treatment application in 86.7% of all pigs tested, compared to CHG (26.7%) and CG (40%).
- The average blood loss (post-treatment and total) was lower for DERT than others.
- Only DERT passed the Flexion test for the majority of pigs (73.3%), compared to CHG (33.3%) and CG (0%).

	DERT	CELOX	CG
Total Pigs	15	15	15
Blood Loss Post-Treatment (mL/kg)	1.3 ± 3.4	9.0 ± 7.3	8.0 ± 8.4
Total Blood Loss (mL/kg)	29.7 ± 4.4	34.2 ± 9.5	34.0 ± 10.4
Passed Flexion	12	5	0



OC-REF-00XXX

# DERT

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