



SELSYM

BIOTECH

Revolutionizing hemorrhage control

Critical Unmet Need: Uncontrolled Bleeding in ER/Trauma and OR

NIH

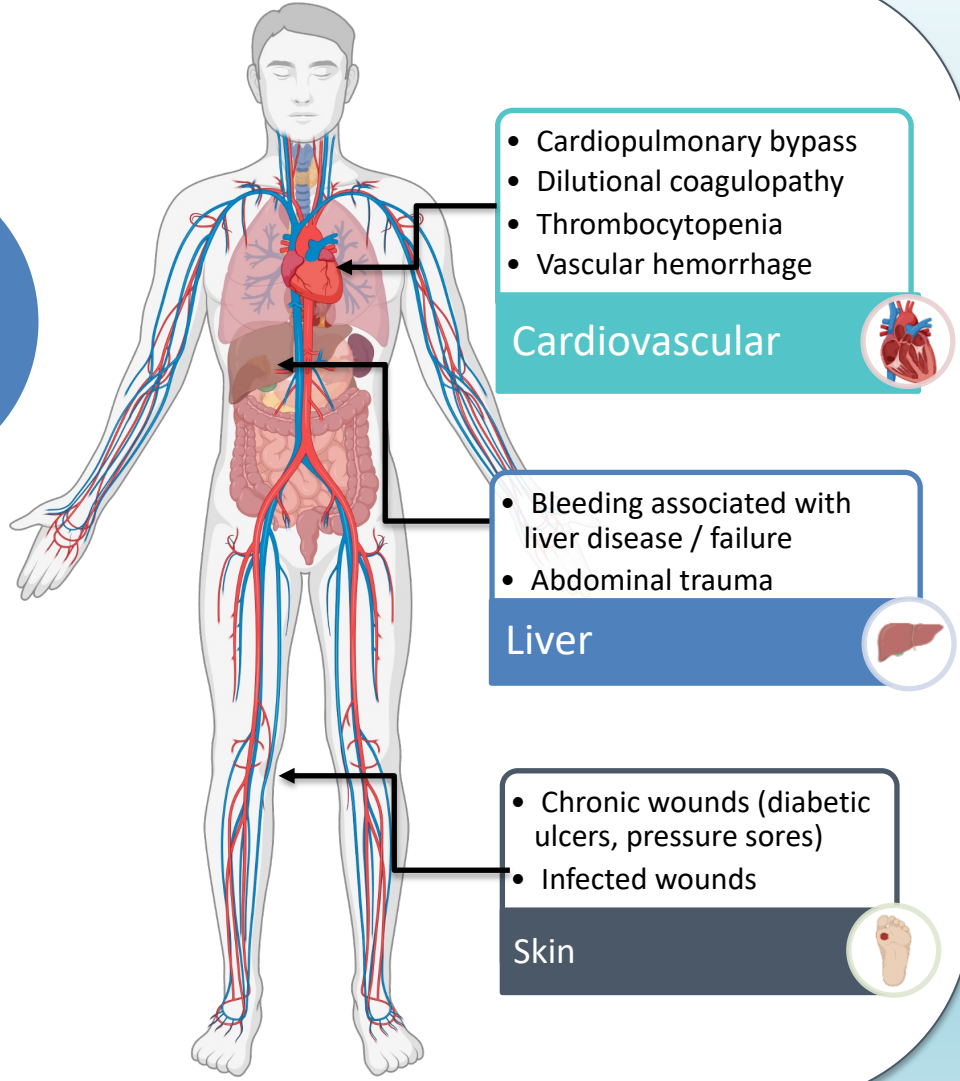
"Trauma is the **leading cause of death for Americans under the age of 45**. More years of potential life are lost due to injury than to heart disease or cancer"

1 in 4 trauma deaths *can be prevented* with improved hemorrhage control treatments

Transfusion

CDC

8 million people in the US taking blood thinners

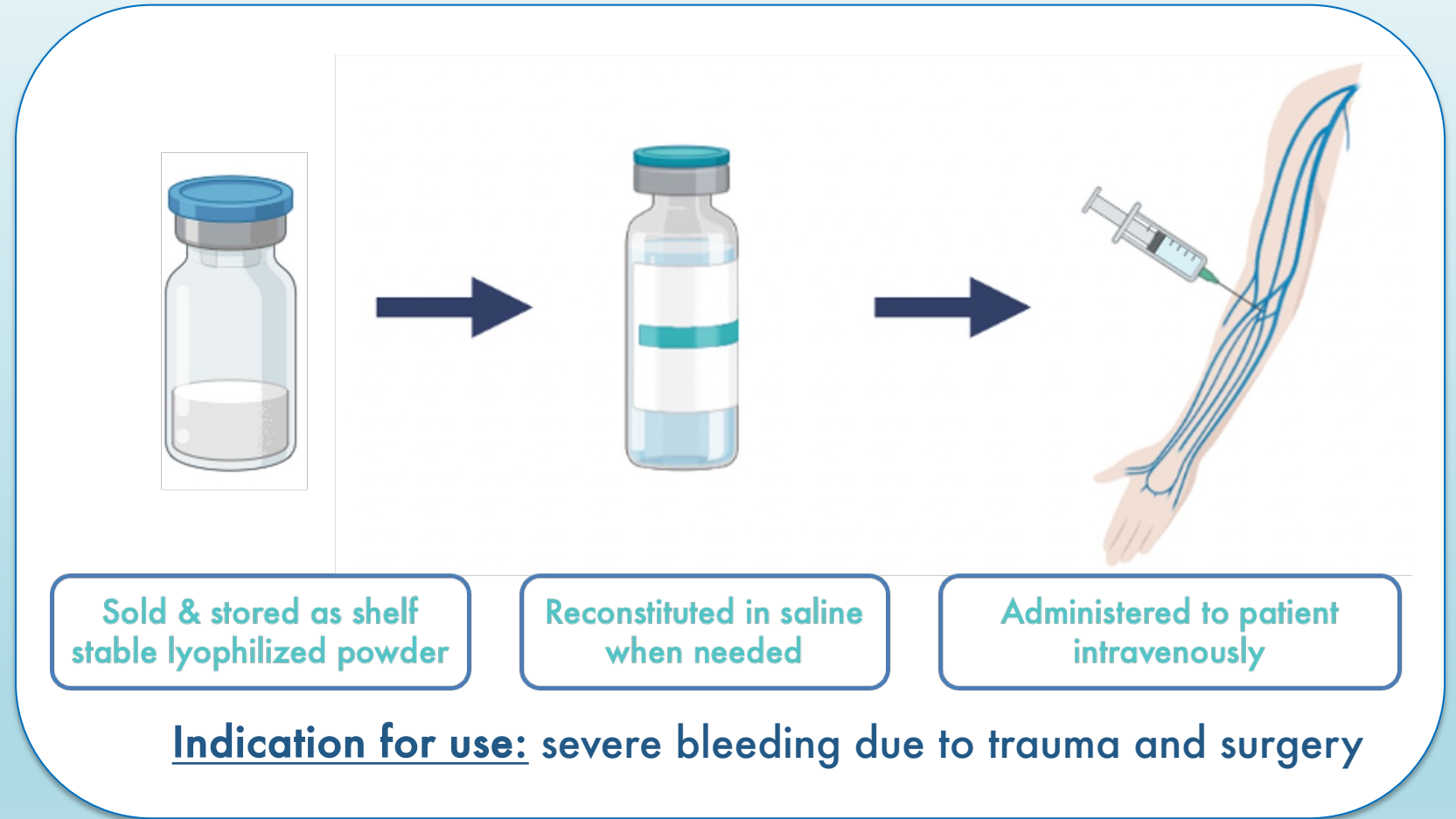
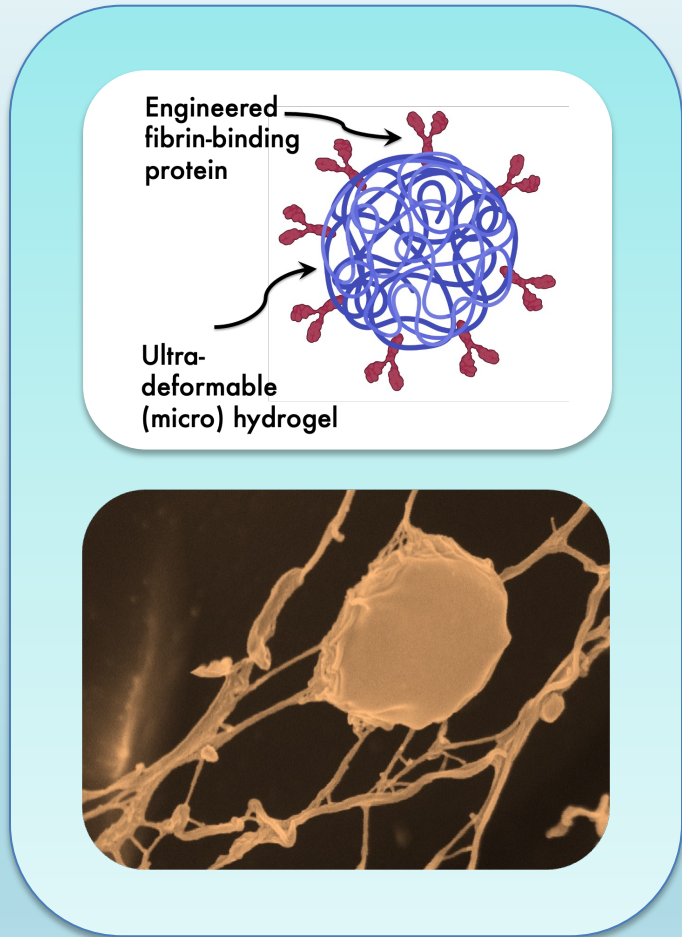


Limitations of current hemorrhage control products

	Reliable supply?	Lack of off-target, immunologic, or burn/scarring risk?	Cost effective?	Ease of storage & transport?	Supports physiological clotting & healing?	Reactive & proactive hemostatic utility?	
Products in use clinically	Platelets (Fresh or Processed)	✗	✗	✗	✗	✓	✓
	PCC (Kcentra, Grifols)	✓	✗	✓	✗	✓	✗
	Factor VIIa (Novo Nordisk)	✓	✗	✓	✗	✓	✗
	Fibrin glue & topical thrombin (Tisseel, J&J Ethicon)	✓	✓	✓	✓	✗	✗
	QuikClot®	✓	✗	✓	✓	✗	✗
	SymClot	✓	✓	✓	✓	✓	✓

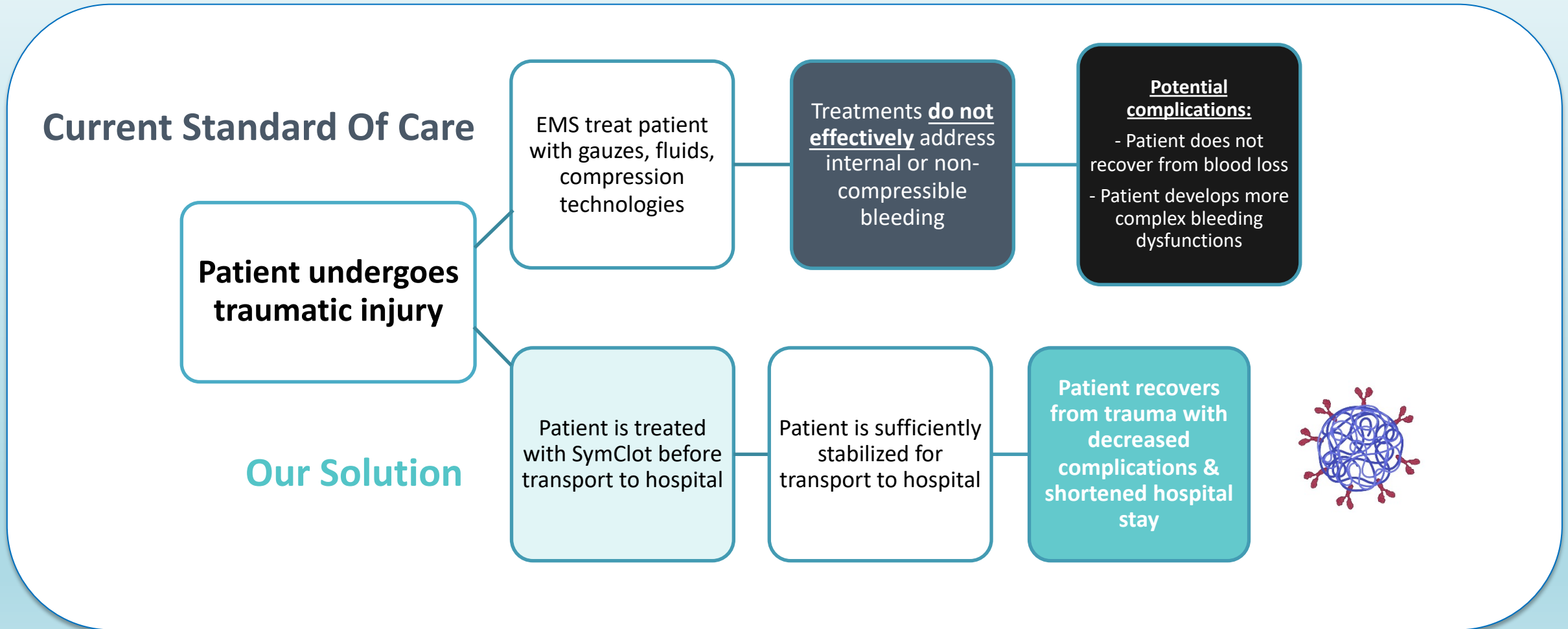
Our solution: SymClot

Synthetic platelets are shelf-stable and can be easily administered in the OR or at the point of traumatic injury



SymClot:

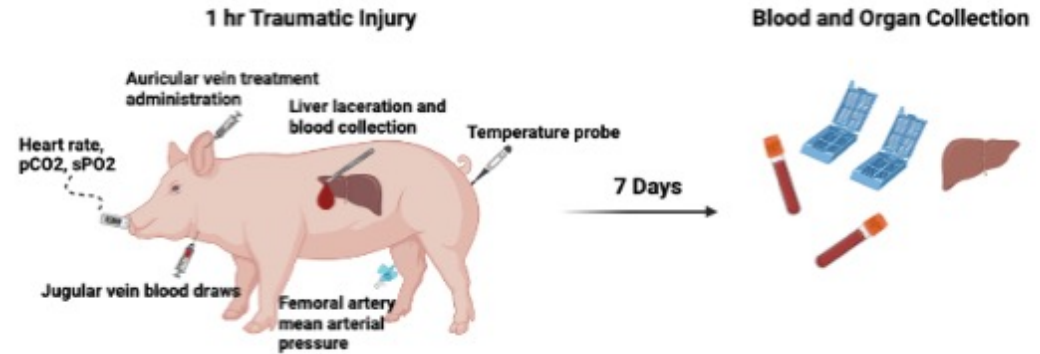
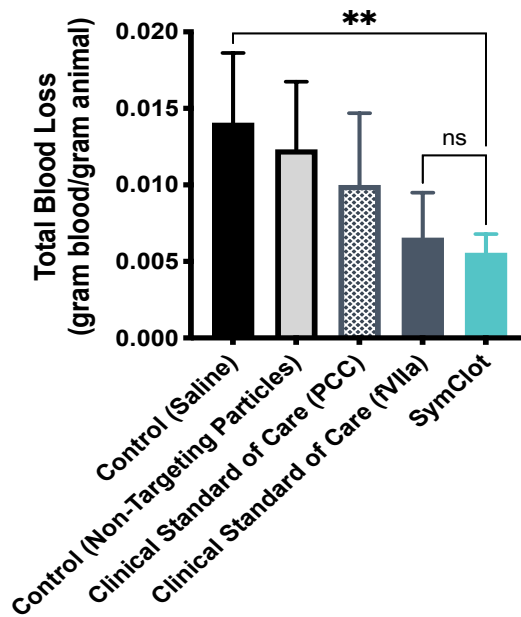
Treatment modality allows for improved trauma management for civilian and military populations



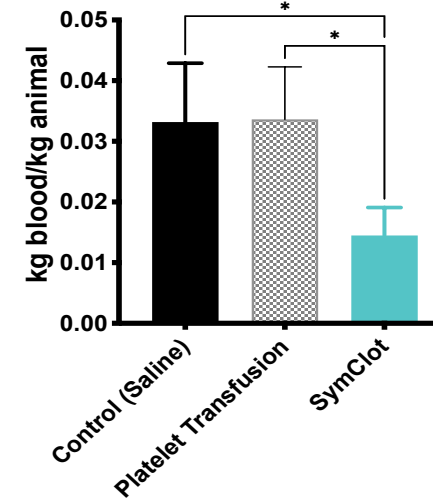
SymClot is safe and effective in “gold standard” hemorrhage models



Total Blood Loss (Murine)



Total Blood Loss (Porcine)



Team



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