



Safe Surgery any time, any place®

 $\begin{array}{c} \textbf{Presenting} \\ \textbf{the award-winning} \\ \textbf{SurgiField}^{TM} \ \textbf{System} \end{array}$ 







SurgiBox Inc. is a Delaware registered C-Corp

Imagine if every patient had access to safe surgery without having to wait for months on end or to travel a long distance

# The SurgiField<sup>TM</sup>: A rapidly deployed, cost-effective and ultra-portable surgical environment incubated at MIT and Harvard:



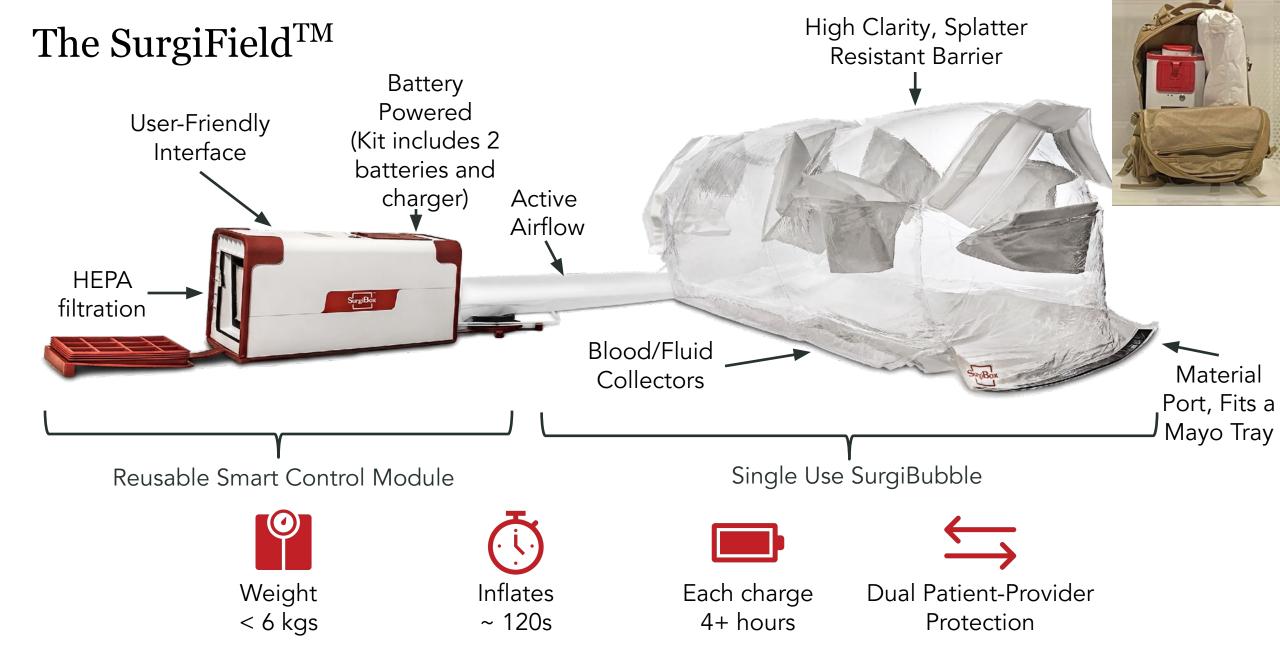
- protects the patient's surgical site from the outside environment and medical personnel;
- the medical provider from the patient's bodily fluids;



- transforms any space into a surgical environment, therefore significantly increasing surgical capacity
- ✓ simplifies supply-chain burden

SurgiBox Inc. - Confidential





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# SurgiField<sup>TM</sup> in action in field settings



Japanese Surgeon in an Ambulance



SurgiField in Ukraine



Shrapnel removal in Burma

# Military Use Scenarios





#### The SurgiField was designed with trauma surgeons from US Army and US Air Force



#### Field Surgery

- Field Hospitals / Naval Ships: Parallel surgeries, higher throughput.
- Prolonged Field Care: On-site surgery when evacuation impossible.
- Littoral Combat Ships: Makeshift operating rooms, major upgrade for surgeons.



#### Evacuation

- CASEVAC: Manage complications in flight, protect patients/crew.
- Medevac: Stabilization + transport, wound protection

## Emergency, Austere and Remote Setting Scenarios





#### SurgiField was designed with surgeons from MSF and WHO



Emergency Settings (e.g. conflict and disaster zones) to enable the transformation of any space into a safe surgical environment with multiple "pop-up" operating theaters including:

- Existing infrastructure such as medical facilities even those that have been damaged
- Infrastructure that can be set up on the go such as in tents, abandoned buildings and sheds



Austere and Remote Settings (e.g. refugee camps, rural areas, mines, cruise ships) to enable the deployment of surgical missions in:

- Terrain (e.g. mountains and mines) where transporting patients is difficult
- Remote areas where no or poor operating theater infrastructure exists and/or reliance on distant referral hospitals is impractical

## Hospital



#### The SurgiField was designed with surgeons from Harvard Medical School

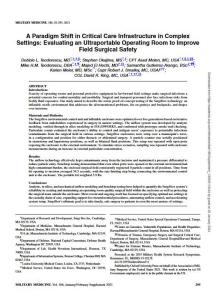


- Expand surgical capacity in existing settings without compromising safety
  - Convert non-surgical spaces like recovery rooms into temporary operating rooms.
  - Optimize existing resources by having all surgical teams and supplies ready to handle high-volume demand.
  - Reduce wait times and surgical backlog
  - Increase throughput without added capital expense or time to build a new one



- Enable surgery in previously unequipped locations
  - Expand surgical access to remote and underserved areas, including small clinics and mobile trailers.
  - Strengthen health systems.
  - Reduce patient wait times for surgery and enable earlier intervention for better patient outcomes.

# The SurgiField<sup>TM</sup> has been developed with scientific rigor with results published in peer-reviewed journals



- Military Medicine (Link Here)
- Results of the benchtop testing



- <u>BMJ Innovations</u> (<u>Link Here)</u>
- Results of the co-development process with surgeons and medical personnel



Pubmed (Link Here)
 Results of a study in
 Lviv Ukraine

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### **Testimonials**

"This equipment helps to save, firstly, time for processing the operating field, and secondly, it helps to ensure sterility in aggressive environments. Namely, in basements, tents, under the conditions of transportation by sanitary transport. This is what provides immediate operative access to a serious injury, ensures the preservation of the life of such an injured person where it is not possible to provide qualified assistance in the operating room." (translated from original Ukranian), Serhii Nayev, Lieutenant General, Ukrainian Armed Forces

"If you're going to go to a surgically underserved country, you're going to try to find a hospital somewhere and that hospital may or may not have the infrastructure to support clean surgery. But when you think about the SurgiField, suddenly you don't need any of that. You can go to the patient instead of the patient coming to you."

Prof.David King, Trauma Surgeon, MGH

"When you're operating with artillery fire in the distance and debris falling around you, you learn that medicine isn't about perfect conditions - it's about creating a moment of safety in chaos. The SurgiField gave us something I never thought possible in that building: better sterile conditions. For those 30 minutes, with my hands working inside that protective barrier, I could focus entirely on saving this young man's life instead of worrying about contamination. The system was intuitive even under pressure - clear visibility, easy access, and most importantly, it created a clean surgical field where none should have existed. In conflict medicine, we're always improvising, but this felt like having a real operating room materialize around my patient. That's the difference between losing someone to infection days later and giving them a fighting chance to heal."

Burmese Trauma Surgeon,

# **Shipping Information**

	Part Number	Package Weight (cms)	Package Dimensions	Shelf Life/Warranty
	SB-T1-02-CE Carton of CE SurgiBubbles (6x)	62.35 x 51.4x35.3	8kgs	2 Years
S <sub>18</sub> 80	EB-T1-02-EU: 1 Smart control Module 1 Smart Charger EU 2 Lithium Batteries 2 Pop-Up Frames	Box 1: 45.0 x 32.2 x 28.6 Box 2: 97 x 10 x 10	Box 1: 6.75 kgs Box 2: 0.3 kgs	2 Years



TIME Magazine's Best Inventions of 2023





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