



Emergency Trauma & Medical Simulation Center in Armenia

Campaign Goal: \$51,555.94

In Partnership with
Traveling Doctors
&
National Institute of Health, Armenia

**Traveling
Doctors**
travelingdoctors.org





■ About Us

Atlas Global Health strives to create long-term, sustainable connections between local healthcare champions and international aid donors to bridge gaps in healthcare inequality around the world. To learn more visit us at atlas-global.org.

Atlas Global Health was founded By Erik Akopian, MD and Ashkon Ansari, MD., and is a 501(c)(3) tax- exempt nonprofit corporation (EIN 93-3775889).

■ About the Project

In the post-soviet Republic of Armenia, disparities in growth and development persist, with emergency medical care remaining a neglected sector despite the nation's vulnerability to natural disasters, conflict, and high rates of traffic accidents. However, there's a window of opportunity for change. With physicians already serving in ambulances and a nascent Emergency Medicine training program in place, we're partnering with Traveling Doctors of Armenia and the National Institute of Health of Armenia to enhance existing didactic courses with robust practical simulations.



Through this initiative, we aim to equip physicians, nurses, and emergency medicine residents with the skills needed to address critical situations effectively. By partnering with the Kanaker-Zeytun Emergency Medicine Residency Program, we're not only fostering local leadership but also ensuring the sustainability of these lifesaving efforts. Our goal is to empower Armenian healthcare professionals to take charge, rendering our support unnecessary in the long run.



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graph TD; AGH[Atlas Global Health] <--> LHL[Local Healthcare Leaders]; AGH <--> ED[Educators/Experts & Aid Donors]; LHL --> DN[Determine Needs]; ED --> DN; DN --> LDS[Locally Driven Solutions]; LDS --> FL[Future Leaders]; LDS --> EI[Educational Initiatives]; EI --> LE[Local Experts]; LE --> FL; FL --> AGH; FL --> ED;
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The Center currently possesses a basic selection of tools, including adult and pediatric mannequins. However, it falls short in providing adequate equipment for medical and surgical training, resulting in a significant gap in its educational offerings.





■ Our Vision

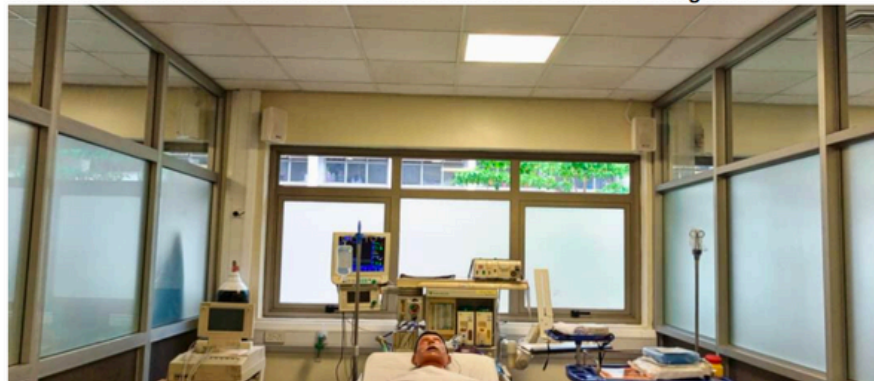
Our vision is to establish a state-of-the-art training simulation center, complete with sophisticated audio and video capabilities, and advanced mannequins set against the backdrop of a highly realistic environment. The National Institute of Health of Armenia has generously committed to providing the space needed for this facility. The center will feature a one-way mirror for observation and will be equipped for real-time, interactive communication, facilitating an immersive training experience. Moreover, the center's advanced technology is designed to support seamless remote collaboration, breaking down the barriers of distance and enhancing accessibility for participants everywhere.

Our proof of feasibility: In February 2024, Erik Akopian and Ashkon Ansari embarked on a research expedition to Uganda to evaluate a newly inaugurated simulation center, integral to a burgeoning Emergency Medicine Residency program in a resource-limited environment. Our investigation confirmed the feasibility of replicating this system efficiently, achieving both low costs and high quality.

What we found in Uganda was simple and effective, here is the control room:



This is one of the simulations rooms – it can be modified based on training module.





■ What We Need

Audio and Video Equipment – Total Investment: \$13,117.50. This suite of cutting-edge equipment is the cornerstone for a multifaceted educational experience, offering real-time feedback and comprehensive debriefing capabilities. It enriches the training environment with lifelike scenarios to foster realism, hones communication skills through deliberate practice, and supports the expansion of remote learning modalities. Additionally, it is pivotal for advancing research and development and is instrumental in the meticulous review and strategic planning of various training scenarios.

Mannequins and Medical Equipment – Totaling \$38,438.44. This category encompasses a suite of medium-fidelity mannequins representing various life stages: adult, pediatric, and neonatal. These models are designed to facilitate a wide range of medical procedures, including intubation, chest tube insertion, and defibrillation. Beyond procedural training, they possess sophisticated features that simulate authentic vital signs and physiological responses to medical interventions and pharmacological treatments.

Total: \$51,555.94





The establishment of this simulation center is pivotal for enhancing the skills of Armenia's physicians and emergency responders. Your generous contribution will significantly bolster the nation's readiness for disasters and emergencies, while also elevating the standard of medical care available to all citizens.

Exclusive Naming Opportunity

The top three benefactors who contribute \$10,000 or more will be granted the prestigious honor of naming one of the simulation training rooms. This unique privilege is a testament to their significant support and dedication.

How to Donate

- 1) Online at **atlas-global.org**
- 2) By check, made out and mailed to:

Atlas Global Health

531 Esplanade Unit 206
Redondo Beach, CA 90277

All contributions are tax deductible (EIN 93-3775889)

Any questions can be directed to Atlas Global Health founders:
Erik Akopian or Ashkon Ansari:

Phone: (616) 560-4326

Email: atlasglobalhealth@gmail.com



**Traveling
Doctors**

We ensure that every donor receives regular updates on the project's advancement, complete with testimonials and photographic documentation of the progress. **We extend our deepest gratitude for your generosity and steadfast commitment to this cause.**

