

Emerging Technologies Education Program



Our Mission

**Empower health workers worldwide to be
active participants in the next era of health.**

A future where clinicians work **confidently** with emerging technology.

- We deploy medical AI and VR education modules to hospitals globally.
- Working with networks and nonprofits abroad, we ensure resource-level is not a limitation.

Goals: Impact

- Respond to doctor shortages by beginning path to assistive automation.
- Re-attract and retain local medical talent.
- Investment back in clinicians, improve donor relations.
- Efficiently augment training, bridge technology gap.

Implementation Overview

- Progress through 3 modules in pipeline - each provides independent value.
- Free-of-cost, seamless integration with existing clinical education pathway.
- Regular “check-up” and retainment feedback.
- Flexible module deployment based on feedback loop.
- Post-program connection with clinical AI facility.

Module 1: AI Education

- Introduction to types of AI and existing clinical applications.
- Areas of medical AI/computer vision research.
- Case studies of assistive AI: benefits and limitations compared to human-only or AI-only systems.
- Future applicability for clinicians and additional resources to get involved.

Module 2: AI Tools/Screening Apps

- Delve “under the hood” into a couple of applications, gaining understanding of training and deployment workflow + drawbacks.
- Build simple predictive medical AI model for cardiovascular risk.
- Guided demo of several applications, experimenting with differing inputs.
- Training for screening app usage, with examples of implementation.

Module 3: Virtual Reality Immersive Training

- We will send a low-cost virtual reality headset for pairing with a catalogue of smartphone apps.
- Guided usage of several VR medical training applications.
- Training program in basic surgery applications with immersive assessments to assess retainment.

Next Steps

- Schedule call to determine your specific needs and implementation goals.
- Receive first portion, begin distribution to your clinicians/health workers.
 - Includes initial assessment to later measure outcomes.
- Follow-up calls to discuss progress, next steps.

Thank You!

Kasyap Chakra (kasychakra@gmail.com)
<https://www.medicalbridgeproject.com>