

# BREAKING THROUGH

## A CONCEPTUAL DESIGN COMPETITION FOCUSED ON IMAGINATION+INNOVATION

### MODULAR HEALTHCARE, MICRO TO MACRO

SUBMITTED BY:  
**WILMOT SANZ ARCHITECTS**

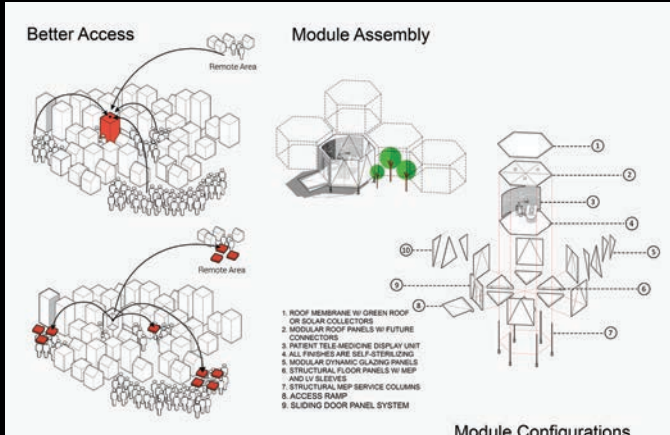
DESIGN TEAM:

**Brian A. Alfaro**, Architect/Designer;  
**Yuan Chen**, Architect/Designer; **Thuy Do**, Architect/Designer; **Dwight Fincher**, Principal; **Katya Krupko**, Architect/Designer; **Yiling Mackay**, Associate/Senior Designer; **Lumbani Ngwira**, Architect/Designer; **Joshua Seiler**, Architect/Designer

THE CONCEPT:

As cities become denser and land scarcer, constructing new healthcare facilities to serve a growing urban population will become more challenging. Conversely, residents of healthcare deserts or rural areas may experience geographic barriers that restrict their options for medical care. Both scenarios point to an increasing need for nimble innovative models of physical access to care. Reinventing the wellness (patient) room as a case study, our proposal investigates how design can engage advances in medical and building technology to free the healthcare delivery system from a hospital-centric model. By creating a flexible and mobile module that can adapt and scale on demand and is capable of deploying in a variety of environmental conditions, we will address the issue of how building innovation for medical care delivery can meet the needs of the population health and mitigate issues of access to healthcare, while minimizing our environmental footprint.

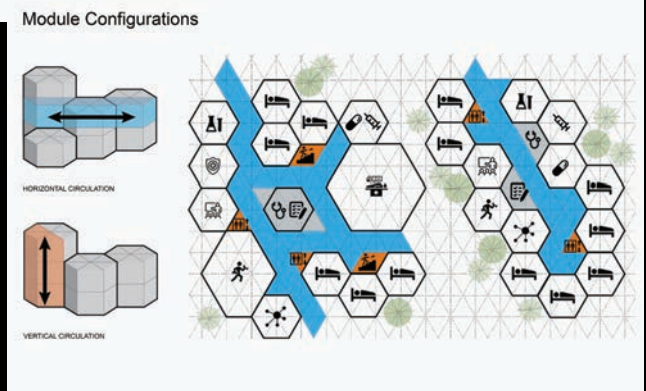
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Module configuration promotes decentralization of services.



Kowloon "Integrated community clinic"



Horizontal and vertical configurations



On Mars "and beyond." Photo credit from the motion picture "The Martian."



Reservation "Rural, healthcare desert clinic"