

# **THINKMD PRODUCT OVERVIEW**

2023

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## Overview:

THINKMD is transforming global digital health at the frontlines of care with clinical intelligence and data analytics to enable **better decisions, better data and better health to anyone, anywhere**. It is a public benefit corporation founded by two University of Vermont Larner College of Medicine physicians and professors of Pediatrics.



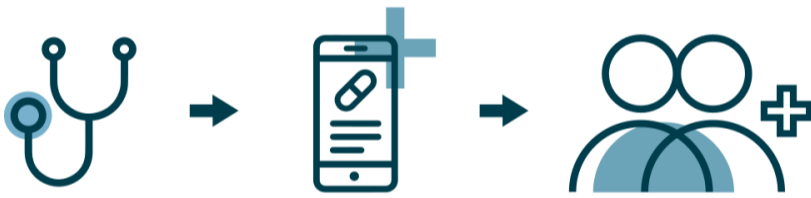
The time has come to build a new healthcare workforce.

Access to healthcare for most people in the world is out of reach. The world will be short 18 million health workers by 2030.

**-18  
MILLION  
BY 2030**

## BETTER DECISIONS

This is possible by merging physician health knowledge, skills and thinking with technology.



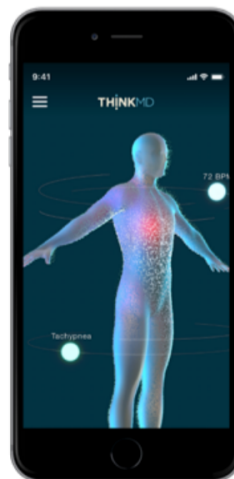
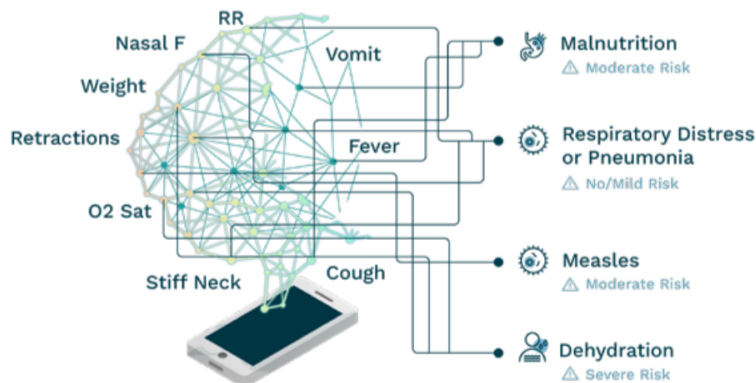
1. EVIDENCE-BASED MEDICINE
2. MOBILE DIGITAL TECHNOLOGY
3. MULTIPLE TYPES OF END-USERS\*

\*Doctors, Nurses, Community Health Workers, School Teachers, Caregivers, Pharmacist, Pharmacy Staff etc.

THINKMD's health technology solution disrupts the primary healthcare paradigm by putting "physician-based knowledge and skills" into the palm of your hand.



## Clinical intelligence technology that "thinks" like a doctor:



OFFLINE-FIRST

PROGRESSIVE APP

OS AGNOSTIC

15+ LANGUAGES

300+ CONDITIONS & DISEASES

We developed clinical algorithms with approaches used by clinicians to increase the healthcare capacity and skills of non-clinicians to build better frontline health workforces.

THINKMD clinical assessments and triage recommendations correlate

**80-95%**

to that of a physician's assessment.

When possible, our technology is highly compliant (>95%) with WHO guidelines



**World Health Organization**

THINKMD is included in the WHO compendium of innovative health technologies for low-resource settings.

**Scientific publications:**

Finette et al. 2019. Development and initial validation of a frontline health worker mHealth platform (MEDSINC) for children 2-60 months of age. AJTMH. 100(6); p:1556-1565  
[Read Article](#)

Mclaughlin et el. 2021 Development and validation of manually modified and supervised machine learning clinical assessment algorithms for malaria in Nigerian children. Frontiers in Artificial Intelligence. v4.article 554017  
[Read Article](#)



**THE AMERICAN JOURNAL OF TROPICAL MEDICINE AND HYGIENE**  
Official Journal of the American Society of Tropical Medicine and Hygiene

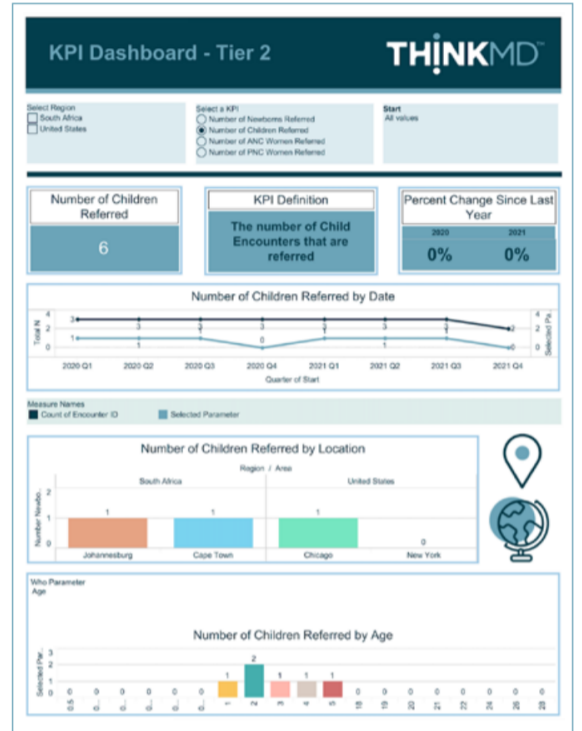
**BETTER DATA DRIVEN SOLUTIONS**

Utilizing individual-level clinical data to facilitate data driven solutions impacting local, regional and global health.

Analytics and insight from this data provide:

- Monitoring & Evaluating
- Program supervision and workforce monitoring
- Population health monitoring
- Disease surveillance and alerts

**BETTER HEALTH AND IMPACT**



- **Sustained increase** in clinical assessments by 2-fold
- **Sustained increase** in health counseling sessions by 2-8 fold
- **Sustained increase** in adherence to WHO clinical guidelines by 40-60%



**>40%**  
sustained acquisition of WHO recommended "danger signs"

**50-70%**



reduction in healthcare training cost



reduction in frontline health workers supervising cost

**50%**



More than 80% of end users highly likely to recommend the use of THINKMD technology

**>80%**

**11**



**COUNTRIES**



**25M IN 5 YEARS**

by 2027, we aim to reach 25 million Quality Health Encounters via users on the frontlines of healthcare



**14.5M**

clinical risk assessments for adolescents, children, newborns, pregnant/new mothers to date



**300**

clinical risks assessed



**94%**

**ADHERENCE**  
to Under 5 IMCI protocol

**BETTER DECISIONS. BETTER DATA. BETTER HEALTH.**



[www.thinkmd.org](http://www.thinkmd.org)



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