

AI Meets At-Home Testing: Reimagining Healthcare

Carson Chen, Ph.D.
Co-founder and Chairman





Our Vision

**Making Quality Healthcare
More Accessible and Timely**

Accessibility - A Global Healthcare Challenge

734 M

people lack access to essential health services*

28%

of US patients cannot get care by doctors within one day**

64,000

shortage of physicians in the US by 2024***

*<https://www.broadbandcommission.org/working-groups/digital-and-artificial-intelligence-in-health-2020/>

**https://www.oecd.org/en/publications/waiting-times-for-health-services_242e3c8c-en.html

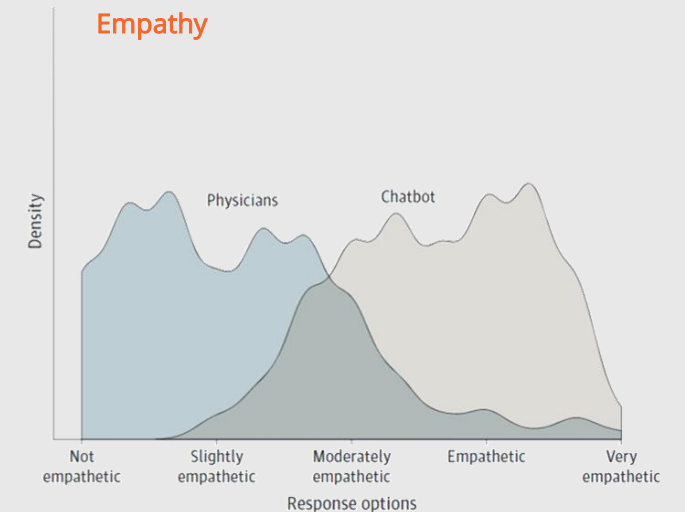
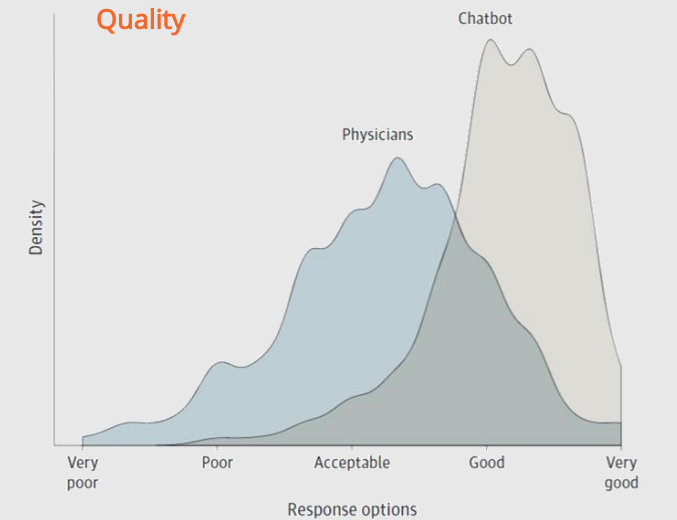
***<https://www.mckinsey.com/industries/healthcare/our-insights/the-physician-shortage-isnt-going-anywhere>

AI-powered At-home Testing is the Answer

- During the pandemic, the use of telehealth surged **from 2% to 35%*** in the US.
- The market of decentralized testing is estimated to grow **from USD 16.7B to USD 45.6B** by 2031.
- **GPT4's** performance is comparable to **top 10%** human physicians attending the United States Medical Licensing Examination (USMLE).
- In a recent UCSD study, **chatbots' responses are preferred over physicians' in 79%** of the 585 evaluations**.

*<https://www.mckinsey.com/industries/healthcare-systems-and-services/our-insights/telehealth-a-quarter-trillion-dollar-post-covid-19-reality>

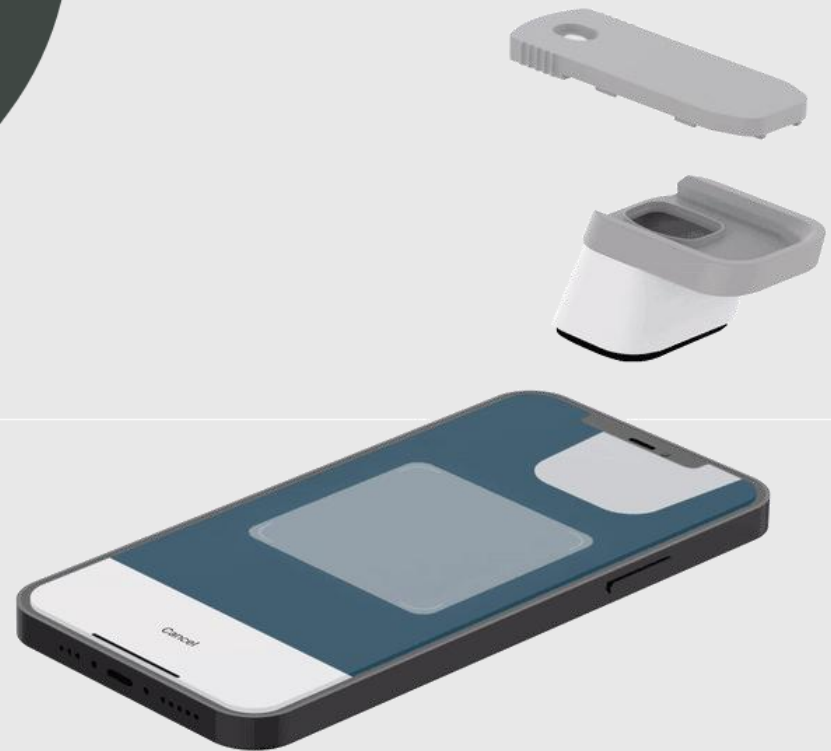
**<https://jamanetwork.com/journals/jamainternalmedicine/fullarticle/2804309>



Turning Smartphones into Your Mobile Lab

PixoTech - the world's only FDA-cleared smartphone camera-based blood test

- **Full lighting control** by using screen illumination and isolating ambient light
- Leveraging existing optical strip technologies: **quickly expandable** portfolio, **cost-effective** solutions
- Solid IP foundation with **over 100 patents** granted



One Technology, Full Coverage



Women's Health Management

- Ovulation / Fertility



Chronic Disease Management

- Cardiovascular
- Diabetes



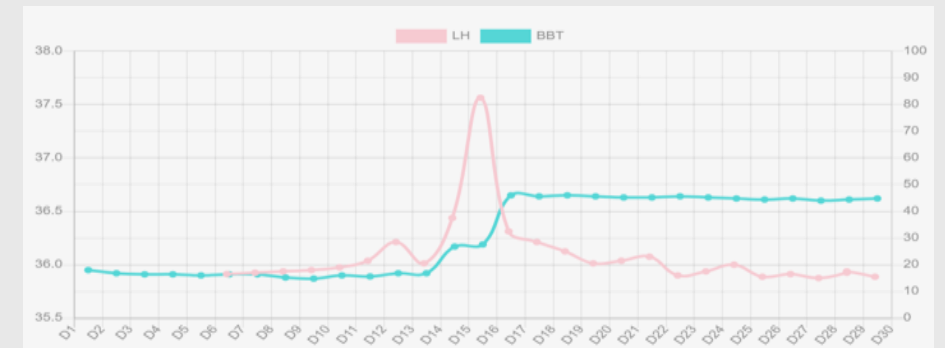
Infectious Disease Management

- COVID-19



Eveline – Ovulation Test and Prediction Kit

- CE-mark and FDA-listed smartphone-based luteinizing hormone (LH) test.
- The proprietary algorithm gets smarter over time to predict the individual's most fertile window.
- Sold globally via Amazon and the US's largest pharmacy chain stores.
- In Vietnam, **30,000+** clients have participated in our partner's **Eveline-Care** consulting program, with the majority of them succeeding in conceiving.

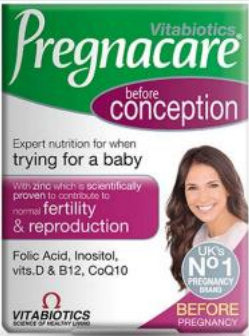
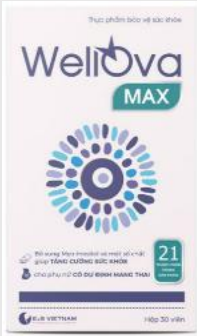
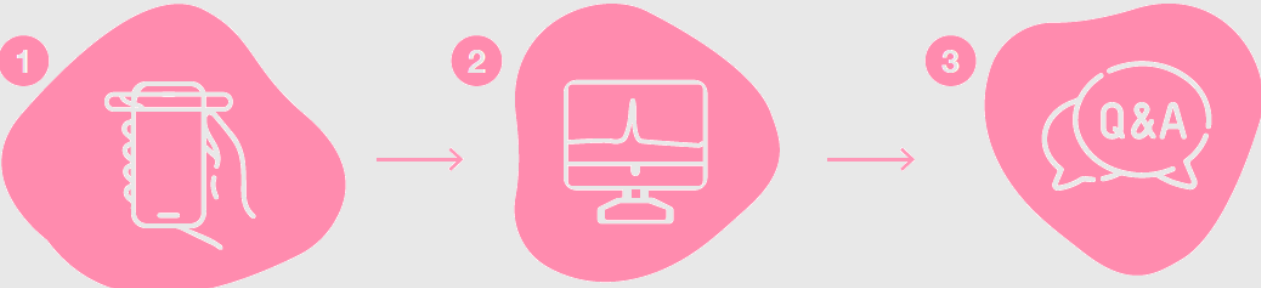


Insights from Our Vietnam Partner: Integrating Tests with Consultation and Nutrition Supplement Plans

EVELINE CARE VIỆT NAM

Each profile code includes:

- Health record tracking BMI
- Menstrual cycle length
- Test times and test chart



“Nespresso Capsules” for Health Testing

The New PixoTest Vision System Enables Timely and Accessible Testing at Home

- Previously, iXensor’s **3-min instant check-up** POCT platform has been deployed in **1,000+** pharmacy stores and clinics in Italy.
- We are now bringing a **\$199 at-home testing solution, PixoTest Vision**, for the monitoring of cardiovascular health, with options to upgrade to expanding testing menu

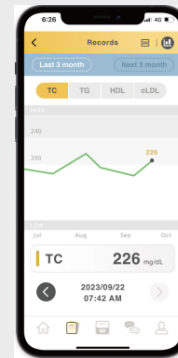


Complete the Circle: From Testing to AI-Powered Personalized Care

Building on our success in Vietnam, iXensor is working with partners to provide an AI-powered personal health companion. Starting with **fertility**, this solution will expand to address the needs of **menopause** and **cardiovascular** populations, guiding users **from testing to personalized health management and nutrition planning**.



Instant Testing



AI Health Companion



Team and Advisors



Carson Chen, Ph.D.
Chairman & CEO

- Visiting Scholar, Stanford
- Postdoctoral Scholar, BE, Caltech
- Visiting Researcher, ME, MIT
- PhD, EE, NTU



Peter Fitzgerald, M.D., Ph.D.
Board Director

- Professor Emeritus, Medicine, Stanford.
- Co-founders, Latterell Venture Partners, TriVentures.
- Scientific advisors to FDA and many multi-nation healthcare companies.



Jack Li, M.D., Ph.D.
Board Director

- CEO, TMU Research Center for Artificial intelligence in Medicine
- President, International Medical Informatics Association (IMIA)



Yen-Hsiang Wang Ph.D.
Advisor

- VP of Strategy and Finance, Antheia
- Director of Strategy, Tencent AI Lab
- Consultant at McKinsey & Company
- Ph.D. from Stanford University



Barrett Comiskey, MBA
Advisor

- The inventor and co-founder of E-Ink (used in more than 1B devices, such as Amazon Kindle)
- The youngest inductee into National Inventors Hall of Fame (US)



The Race in AI-Driven Healthcare

- While the U.S. leads in AI technology development, **developing countries** could emerge as rapid adopters in healthcare, **leveraging AI to leapfrog into the next era of medical innovation.**
- In Vietnam, with our **experience helping our partners serving over 30K fertility clients efficiently**, KOLs are keen on seeing iXensor's AI-facilitated health management extending to chronic care, helping them better help patients.



Records	Members	All -		
Emma Garcia		2017/07/21 10:00		
TC: 212mg/dl	HDL: 89mg/dl	LDL: 112mg/dl	TG: 87mg/dl	
Emma Garcia		2017/07/21 09:52		
TC: 208mg/dl	HDL: Hi	LDL: 88mg/dl	TG: 50mg/dl	
Lucas Almeida		2017/07/21 09:52		
A1c: 5.7%				
Lucas Almeida		2017/07/21 09:50		
TC: 143mg/dl	HDL: 55mg/dl	LDL: Lo	TG: 143mg/dl	
Noah Johnson		2017/07/20 18:22		
TC: 129mg/dl	HDL: 37mg/dl	LDL: 78mg/dl	TG: 72mg/dl	
Isabella Martinez		2017/07/20 17:44		
A1c: 7.0%				
Isabella Martinez		2017/07/20 17:37		

Join Our Journey to Shape Future Healthcare

Investment Opportunity— a new round of financing to fuel:

- AI-empowered management for personalized nutrition planning (including fertility, menopause, cardiovascular health and diabetes)
- Holistic personal health monitoring solution (e.g., smart ring)
- International market entry

Business Development Partnership—

- Partners in clinics & telehealth
- Partners in the menopause/nutrition space



Thank You

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