US2.AI

2024 Year in Review

Us2.v2 FDA Clearance

US2.AI

FDA has granted 510(k) clearance for the Us2.v2 software, featuring **45 automated echo parameters** including **Strain analysis, Aortic stenosis measurements, comprehensive quantitative analysis of cardiac structure and function**, and essential measurements used in current guidelines for the **detection of conditions** such as **cardiac amyloidosis** and **heart failure with preserved ejection fraction.**

"By offering advanced capabilities that significantly enhance both precision and efficiency of echocardiographic analysis, this innovation dramatically reduces analysis time thereby speeding up clinical workflow….it also ensures high-quality patient care with the integration of international guidelines that aligns with the latest clinical standards"

Madhav Swaminathan, MD
Professor of Anesthesiology at Wake Forest University School of Medicine
Past president of the American Society of Echocardiography (ASE)

Leading with the Science: Us2.ai's 2024 Scientific Achievements

More than 35 Research Publications and Abstracts

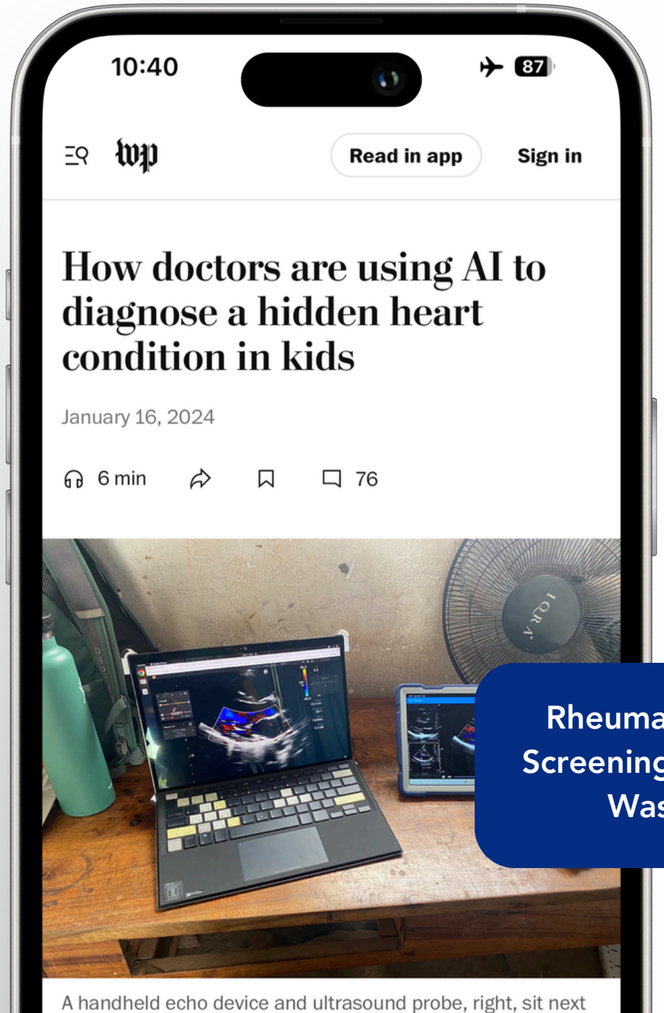
US2.AI

- Cardiac Amyloidosis
  Late Breaker at EuroEcho Imaging 2024
- Heart Failure
- Mitral Regurgitation
- Aortic Stenosis
- Time Efficiency
- Benefits of AI-Echo
  Late Breaker at AHA 2024
- AI in Electronic Health Record Surveillance
- POCUS-AI enhanced novice echo screening & Community-based screening
- Patient Attitudes towards AI-Echo

In the Spotlight

Us2.ai in the Press

US2.AI



Rheumatic Heart Disease Screening using Us2.ai - The Washington Post

Everton in the Community

Forging Connections

Key Partnerships in 2024

Us2.AI

In 2024, Us2.ai continued to expand its collaborations, showcasing AI's transformative potential to democratize echocardiography and unlock new clinical pathways.

Symphony

SYMPHONY

This is an international prospective, multicentre, unblinded, randomised-controlled trial. The primary aim is to assess a targeted screening strategy to detect undiagnosed heart failure in high-risk patients.

Beat to Treat

BEAT TO TREAT IN 60 MINUTES
#BEATHF

Pumping Marvellous
The heart failure charity

Through the **BEAT HF public awareness and Heart Health campaign**, nearly 6,000 individuals across the UK were tested for heart failure. Reducing diagnosis time from six months to just 60 minutes.

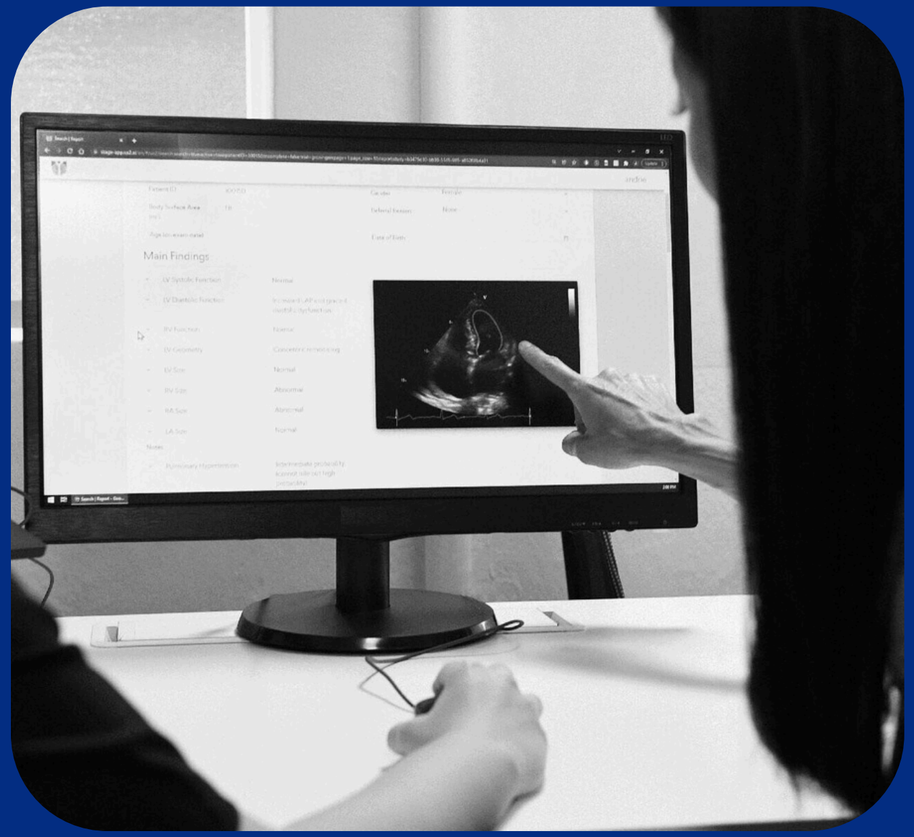
Collaborations

Us2.ai is also honoured to be collaborating with renowned research centres for scientific advances in AI-echo, including:

The Christ Hospital Health Network
umcg
THE UNIVERSITY OF CHICAGO
Brigham and Women's Hospital
Founding Member, Mass General Brigham
香港中文大學 The Chinese University of Hong Kong
馬偕紀念醫院 MacKay Memorial Hospital
Duke UNIVERSITY
UCL
University of Dundee
Northwestern
UIC
MedStar Health
CHU BDX CENTRE HOSPITALIER UNIVERSITAIRE BORDEAUX

Clinical Advantages of Us2.ai

The AI-ECHO RCT, a Late Breaking Science presentation at AHA 2024, revealed the significant advantages of integrating Us2.ai into clinical workflows. The study identified five key benefits:

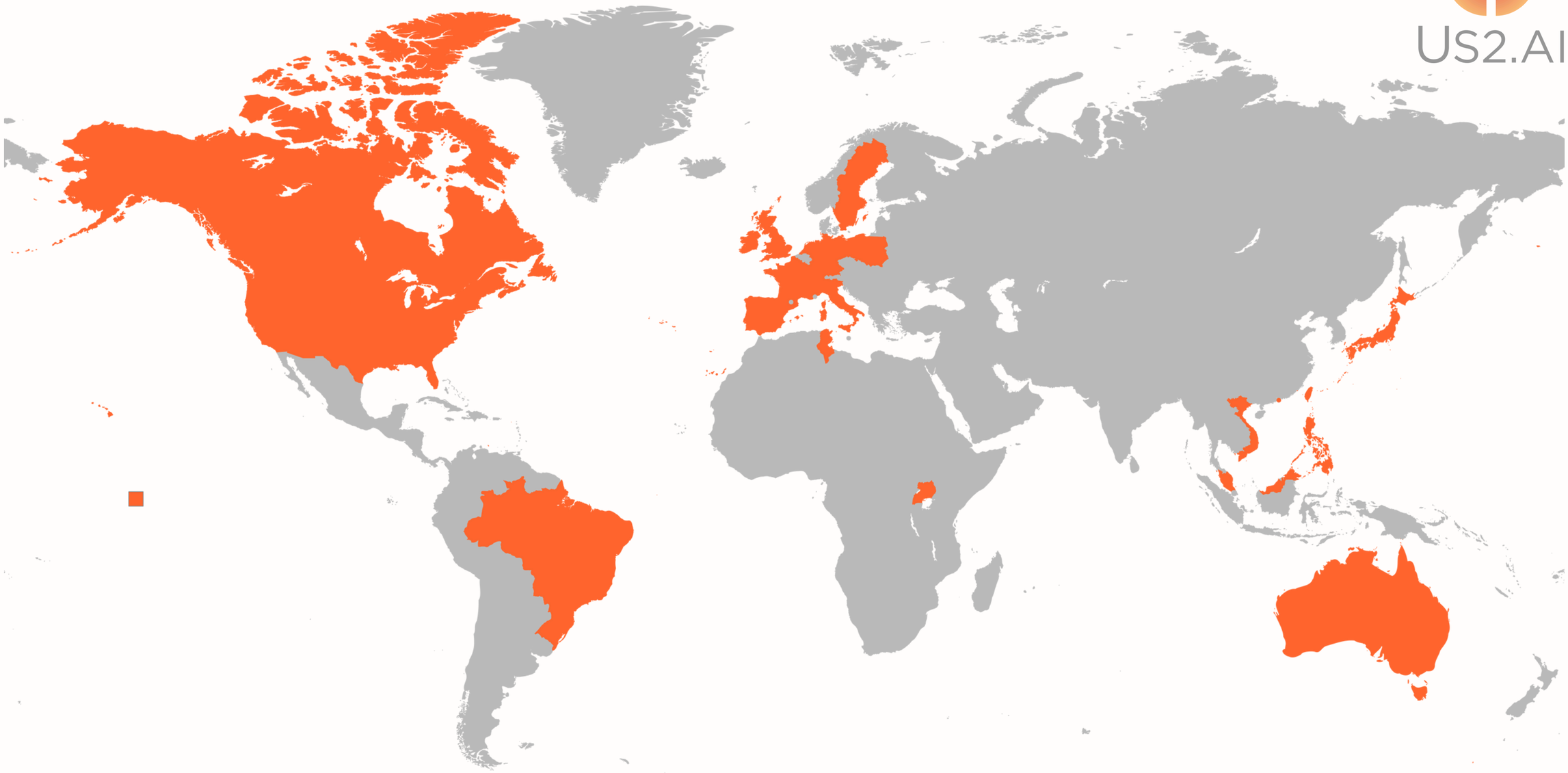


- **Increase in number of daily examinations**
- **Reduction in echo examination time**
- **Richer Clinical Data:** AI analysis of additional parameters provided clinicians with more comprehensive data for better clinical decision-making.
- **Reduced mental and physical fatigue of sonographers**
- **Improved image quality**

Kagiyama N. Artificial intelligence-based automated echocardiographic measurements and the workflow of sonographers: randomized crossover trial (AI-Echo RCT). Presented at: AHA 2024. November 16, 2024. Chicago, IL.

Implementation Successes & Growing Client Base

US2.AI



Upholding Quality, Security Standards, & Achieving Global Regulatory Clearances

US2.AI

Regulatory Clearances

Registered and marketed in 31 countries

Cyber Security

Us2.ai maintained our security posture under the rigorous frameworks of ISO 27001:2023, ISO 27017:2015, ISO 27018:2019, SOC II Type 2 and UK Cyber Essentials Plus

Compliant to the HIPAA and GDPR regulations

Certified under the new Singapore CSA Cyber Essentials framework

Quality

Us2.ai is dedicated to maintaining the highest standards in quality and data security, with no adverse events, serious incidents, field service corrective actions, or cybersecurity incidents reported.

Want to learn more?

US2.AI

Visit us at Us2.ai:

- → News: https://us2.ai/news/
- → Publications: https://us2.ai/publications

Contact us for a demo:

- → https://us2.ai/contact-us/

Let’s continue to revolutionize cardiovascular care together!