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We empower those who heal the world.



Dr. J Plus - Artificial Intelligence Ultrasound High-Risk Disease Screening Robot

Breast Health Guardian - Breast Cancer Screening Robot

Reducing Stroke Incidence - Carotid Plaque Screening Robot



High-risk disease screening, why AI + ultrasound?



Accuracy

Delivers results on par with those achieved by seasoned ultrasound physicians.



Reliability

Supported by clinical outcomes endorsed by expert practitioners with decades of experience.



Safety

Provides a non-invasive, pain-free, and radiation-free screening process.



Accessibility

Applicable to multiple screening scenarios



Comprehensiveness

Possesses the precision to identify a diverse array of lesions.

Dr. J Plus - AI Ultrasound High-Risk Disease Screening Robot

Introducing Dr. J Plus by iCare365 - a revolutionary solution to the challenges in preliminary screening for high-risk diseases such as breast cancer and stroke. Harnessing the power of advanced AI and ultrasound technology, this high-risk disease screening robot is poised to not only transform healthcare delivery at the community level but also extend its reach to individual households in the future.

The brilliance of Dr. J Plus lies in its unique AI systems, currently designed for breast cancer and stroke. These mark the first of many more high-risk disease screening solutions that the iCare365 R&D team is committed to developing. By leveraging a multi-layer convolutional neural network and cutting-edge image analysis technology, Dr. J Plus provides real-time computer analysis of ultrasonic image feeds, automatically detecting, labeling, and offering diagnostic recommendations for an array of suspected lesions or carotid plaques.

But the innovation of Dr. J Plus extends beyond this. It also cultivates a collaborative care environment through its integrated cloud platform, allowing for remote review of suspicious images by ultrasound physicians. With its pioneering approach, Dr. J Plus is not just reimagining preliminary screening, but is also charting the path towards more efficient, accessible, and reliable high-risk disease screening solutions - right from the community level to the comfort of your home.

Dr. J Plus: AI solution makes high-risk disease screening more affordable, reliable, and accessible

Our innovative technologies integrated :

AI + ultrasound + big data + cloud computing + internet



AI

+



Ultrasound

+



Big data

+



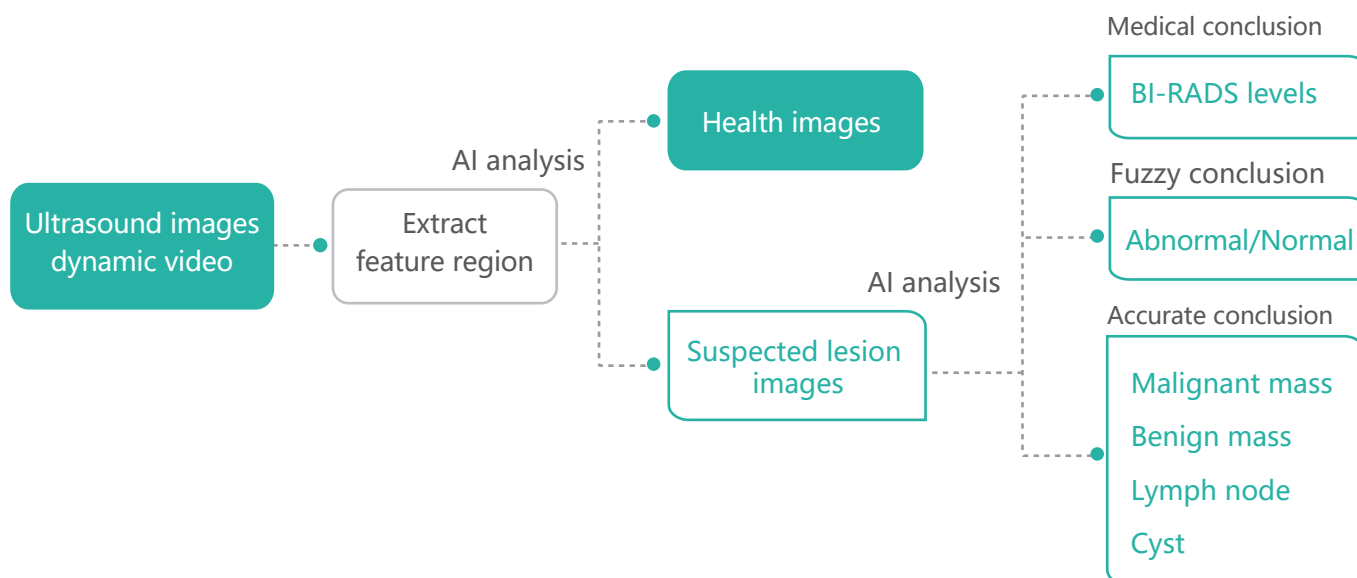
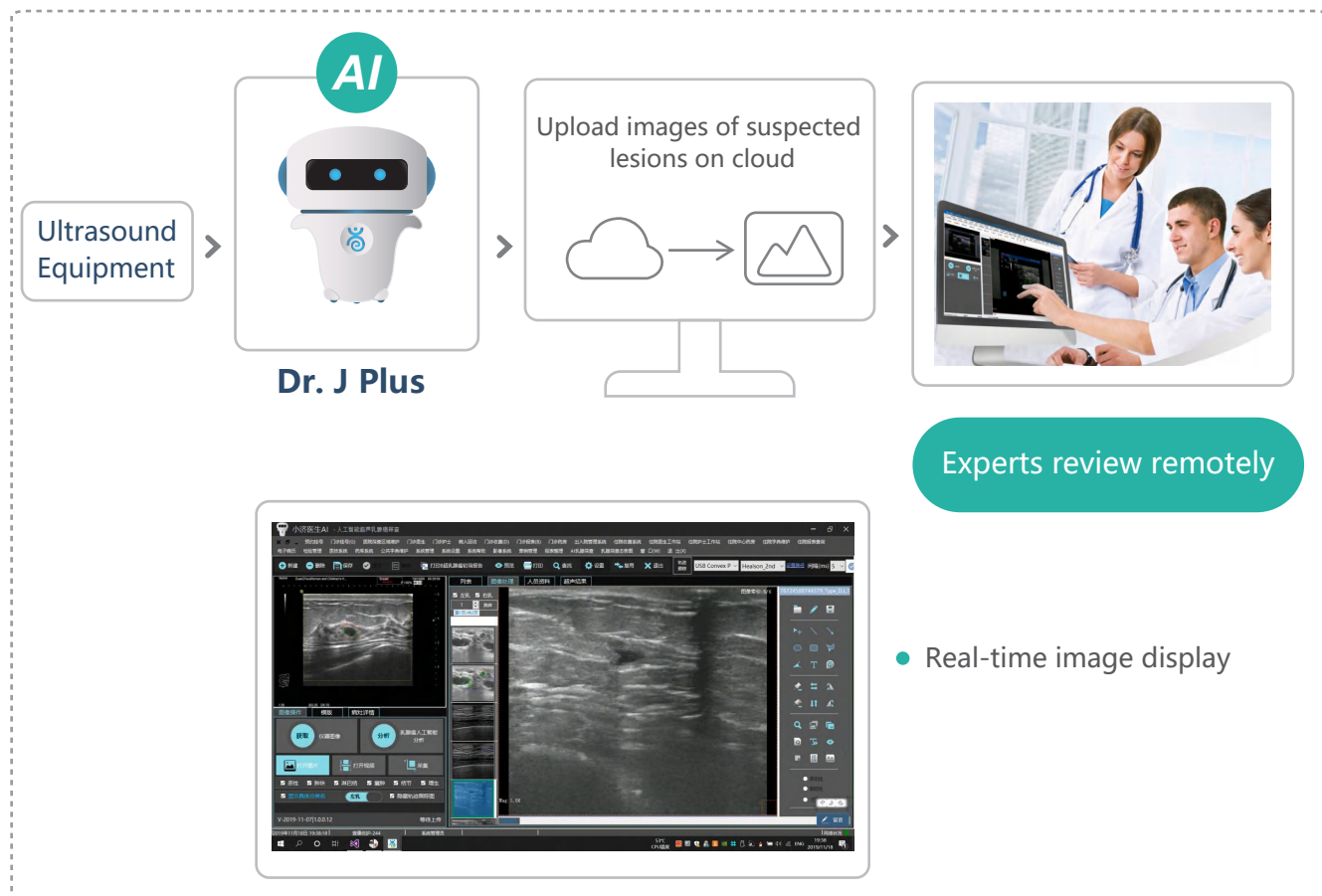
Cloud
computing

+

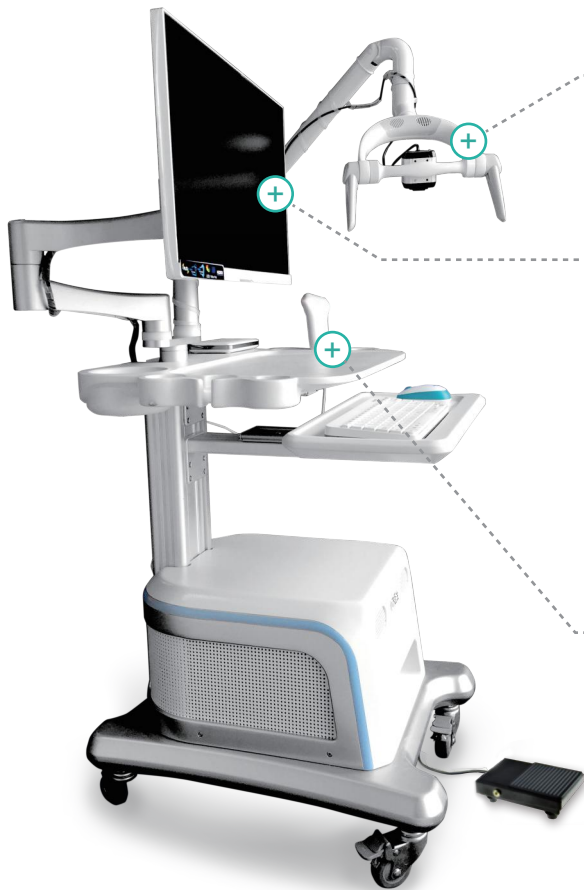


Internet

Dr. J Plus - Work flow for breast cancer preliminary screening



Dr. J Plus - Premium model



Patented real-time ultrasound detector trajectory tracking bracket



24' HD display



Digital hand-held probe color ultrasound

Dr. J Plus - Portable model



- * Innovative AI built-in workstation
- * Digital hand-held probe ultrasound
- * Connection Cables
- * Workstation Cable
- * Mouse

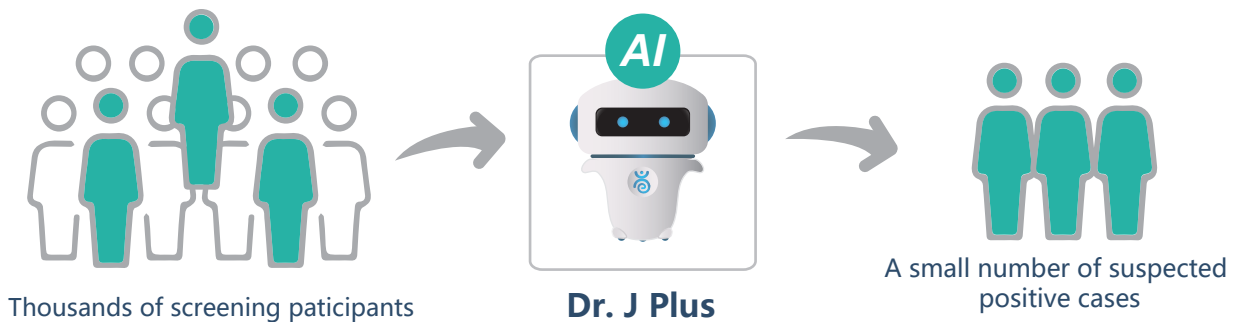


Challenge:

1. A critical shortage of ultrasound doctors creates a stark disparity in preliminary screening services for a vast population.
2. Silent symptoms in early-stage high-risk diseases lead to delayed detection and a concerning rise in misdiagnoses.

Traditional screening VS AI screening:

- AI screening mode
Conducted by an ultrasound technician



- Traditional screening mode
Conducted by an experienced ultrasound doctor



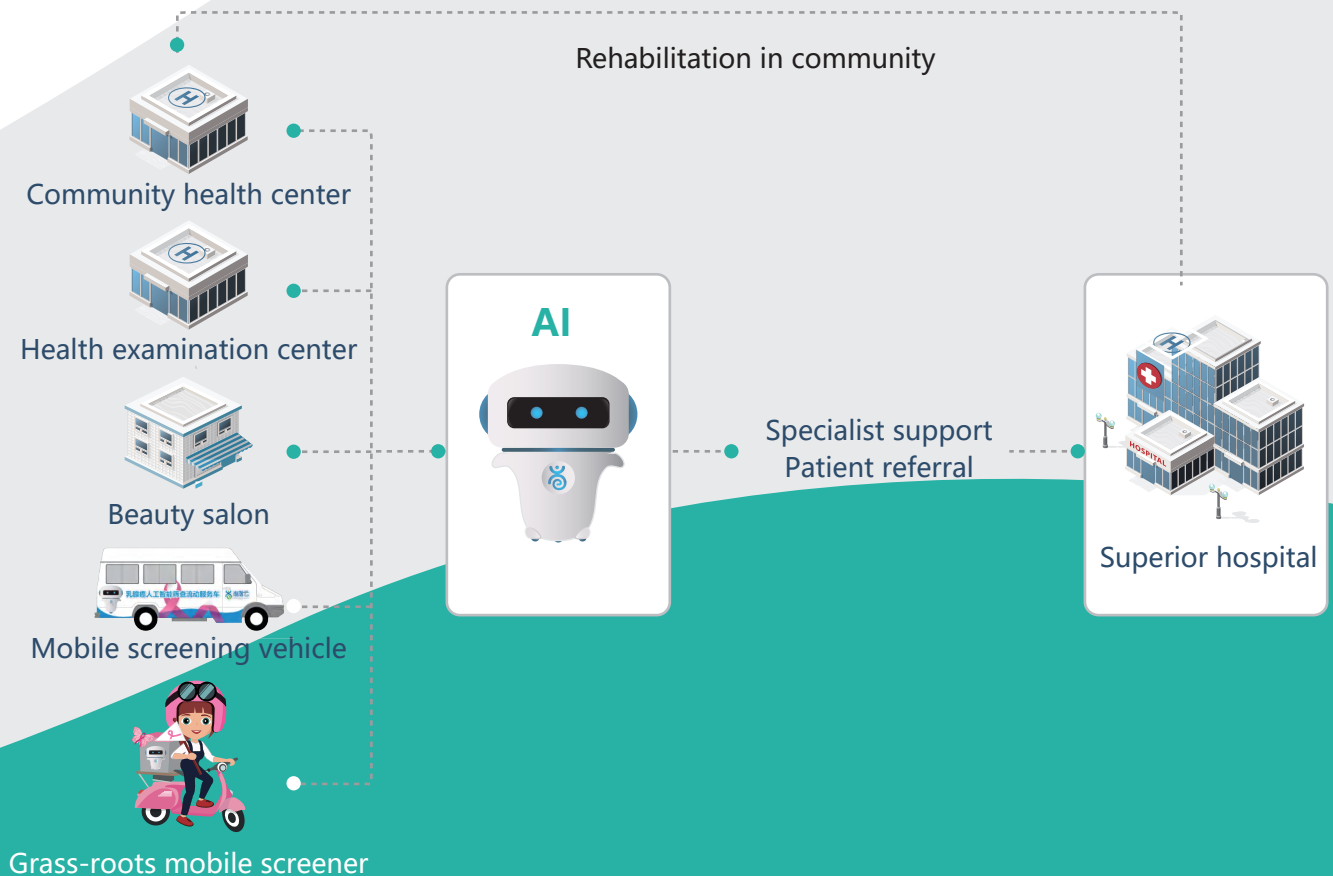
One ultrasound doctor

Experience a monumental leap in efficiency with our AI-powered high-risk disease screening!

Early screening, early diagnosis, early treatment

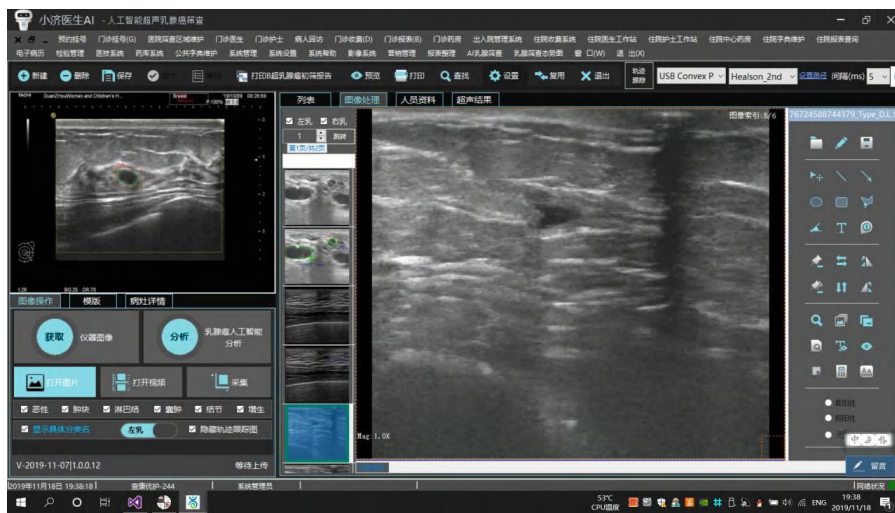
- Since 2020, breast cancer has emerged as the world's most prevalent malignant tumor. The most effective strategy against this disease is early detection through preliminary screening. However, this approach often faces challenges of accessibility, availability, and affordability, especially in resource-constrained countries.
- Simultaneously, stroke, another leading cause of death and disability worldwide, remains a significant health concern. In many regions, it ranks among the top five causes of mortality. Preliminary screening for carotid plaques, a major risk factor for strokes, can play a pivotal role in reducing both stroke incidence and mortality. Therefore, early detection and management of carotid plaques can mitigate this risk.

Establishing a regional tiered diagnostic and treatment service network for AI-based high-risk disease screening



iCare365 AI data platform

Data support



Health Big Data Center

Participants basic information

Ultrasound images

Scanning track

AI analysis data

Health report

High- risk disease

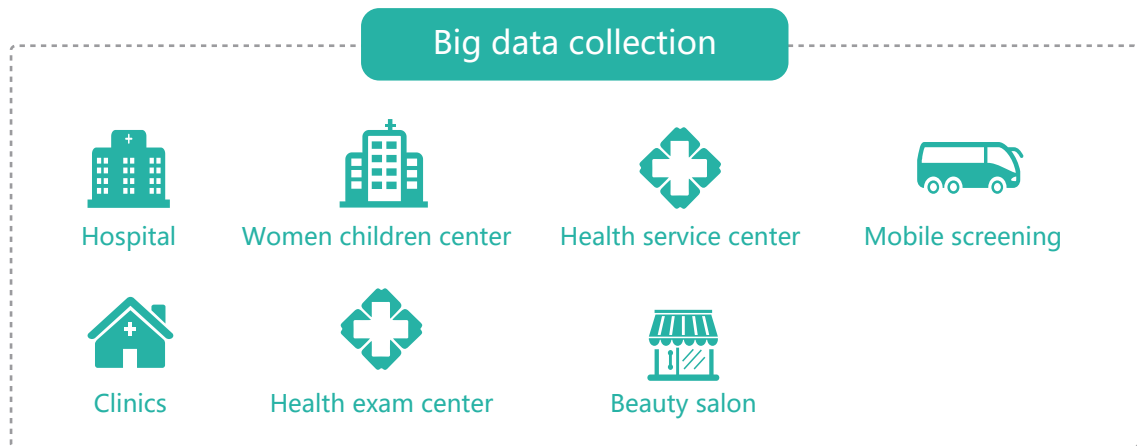
QC data

Data collection

Data management

Data security

Data quality



What can I do?



- Automated detection, annotation, and classification of lesions.
- Accurate calculation and localization of lesion dimensions.
- Swift identification of lesions as benign or malignant and judgment on their cystic or solid nature.
- Real-time monitoring of scanning techniques and automated BI-RADS grading.
- Generation of a comprehensive 'AI Screening Health Evaluation Report'.
- Seamless generation of WeChat-accessible screening reports, integrating mobile scheduling and result viewing.
- Effortless data collection and secure cloud storage of ultrasound images and videos.
- Real-time visualization of regional severe disease screening trends.
- Comprehensive data collection facilitating big data analysis of regional severe disease causative factors.



About us

iCare365 Technologies Inc.

iCare365 Technologies, Inc. (known as "iCare365") is a national high-tech enterprise founded in 2015 by a team of experts passionate about transforming healthcare. By harnessing the power of AI and cloud computing, we empower communities worldwide to deliver cost-effective, efficient, and accessible medical services.

At iCare365, we are committed to revolutionizing global healthcare delivery, particularly in underserved areas. We combine our team's international expertise with a deep understanding of stroke response processes to develop Dr. J Stroke, an AI-powered solution for early stroke detection.

Dr. J Stroke automates image analysis, detects key indicators, and provides clear assessments to aid rapid stroke management, empowering trained non-specialists to identify potential stroke patients with high accuracy. All iCare365 products are independently researched and developed with full intellectual property rights.

Rewards



Partnership

