



Imagine what an **earlier picture of heart disease** could mean

Proactively detect and manage heart disease in patient-centered care settings, including the home.

TIME
Best
Inventions
2021

**Fast
Company**
Next Big
Things in Tech

**Fierce
Medtech's**
Fierce 15

**UCSF Digital
Health Awards**
Best in Class
Quarterfinalist

Caption Health

Let's put an end to reactive healthcare

30%+

Asymptomatic (Stage B) heart failure has a prevalence of 30%+ in the 55+ population¹

69%

Misdiagnosis of heart failure ranges from 16% in hospital settings to 69% in primary care settings²

46%

For heart failure patients diagnosed in acute care settings, 46% had potential symptoms in the prior 6 months³

\$11B+

Heart failure is the #1 driver of hospitalizations for the elderly, with estimated associated costs of \$11B+⁴

Elevate standard of care and meet cardiac screening and monitoring guidelines across disease states



Cardiac

2022 AHA/ACC/HFSA Guideline for the Management of Heart Failure

Recommends echocardiography as the preferred initial imaging modality for evaluation of patients with suspected heart failure.

2010 ACCF/AHA Guideline for Assessment of Cardiovascular Risk in Asymptomatic Adults

Recommends echocardiography for cardiovascular risk assessment in asymptomatic adults with hypertension.



Diabetes

Heart Failure: An Underappreciated Complication of Diabetes. A Consensus Report of the American Diabetes Association

Recommends echocardiography for evaluation of patients with suspected or proven heart failure as part of a stepwise approach for screening and diagnosis of heart failure across stages.



Cancer

2022 ESC Guidelines on cardio-oncology developed in collaboration with the EHA, ESTRO and IC-OS

Recommends echocardiography as the first-line modality for assessment of cardiac function in patients with cancer, plus baseline echocardiogram in all patients with cancer at high/very high risk of cardiotoxicity before starting anticancer therapy.



Renal

K/DOQI Clinical Practice Guidelines for Cardiovascular Disease in Dialysis Patients

Recommends echocardiograms be performed in all patients at the initiation of dialysis, regardless of symptoms; within 1-3 months of dialysis initiation (once patients have achieved dry weight); and at 3-year intervals thereafter.

Caption Care™

Turnkey, end-to-end echo program

Caption Care delivers convenient, cost-effective echocardiograms in any care setting to identify heart disease earlier—before undiagnosed issues become serious. This may prevent avoidable hospitalizations and support improved outcomes.



Engagement

Patients are identified for Caption echos based on presentation of symptoms or risk factors and engaged to schedule an exam.



Enablement

Caption-trained healthcare workers perform echos in accessible care settings and upload images for clinical read by a network of board-certified cardiologists.



Management

Clinical report determines disease staging and informs care plan development, with options for additional care management support through our partners.

Transform the heart disease patient journey

Current journey



Patient experiences acute event



Expensive ambulance ride



Patient admitted to ED and waits for an echo



Expensive inpatient stay



Reactive cycle repeats

New journey with Caption Care



Echo scheduled for at-risk patient



Echo performed in convenient location



Cardiologist generates actionable clinical report



Patient receives the right care prior to an acute event



Money, time & lives saved

Scalable service offerings for your population health needs



Heart Wellness

Early Disease Detection

Caption echo exams for early intervention and risk stratification of patients with Stage A risk factors, such as hypertension or diabetes.



Heart Insights

Ambulatory Provider

Alternative to traditional echo setting for patients presenting with non-urgent symptoms, such as unexplained shortness of breath or non-acute chest pain.

Caption Atlas™

AI-powered ultrasound platform

Ultrasound is a safe, highly effective diagnostic tool—but it can be difficult to master, takes years of specialized training to learn, and image quality can vary. Now, with the Caption Atlas platform, any healthcare professional can capture diagnostic-quality ultrasound images thanks to AI guiding them through every step of the scanning and acquisition process in real time.



Guidance

Breakthrough AI guidance technology enables a range of healthcare professionals to perform ultrasound exams – regardless of their familiarity with ultrasound.



Interpretation

Advanced image interpretation algorithm library promotes quality and improves risk stratification.



Training

Equip care teams with the ability to perform AI-guided point-of-care ultrasound and empower clinicians to practice at the top of their license.

Ultrasound for all

Solving the fundamental challenge of ultrasound: ease of use



1 Real-time guidance

Prompts users to make specific movements to optimize and capture a diagnostic-quality ultrasound image.

2 Intelligent interpretation

Automatically calculates ejection fraction, the most widely used measurement of heart function.

3 Automated quality assessment

Shows users how close they are to acquiring an optimal image and automatically records diagnostic-quality images.

Unlock value-based care while enhancing member satisfaction



Improved Outcomes

- ↑ Care plan accuracy
- ↓ Undiagnosed/misdiagnosed patients
- ↓ ED admissions/re-admissions
- ↓ Morbidity and mortality

Reduced Total Costs

- ↓ Preventable hospitalizations
- ↓ Unit cost of ultrasound exams
- ↓ Utilization of more expensive imaging modalities

Increased Access

- ↑ Access to diagnostic imaging
- ↑ Convenience for patients
- ✓ National coverage and flexible on-demand scheduling

Together with an ecosystem of industry-leading partners



Integrated with the Butterfly iQ+, the world's first handheld whole-body ultrasound system with patented Ultrasound-on-Chip™ technology.



Fully automated, AI-powered advanced cardiac measurements and outcomes-based risk stratification, including improved prognostics and greater ability to detect heart disease.



National coverage through one of the largest U.S. providers of in-home medical services, with a network of 4,000+ mobile health technicians across all 50 states.



Unprecedented access to cardiovascular care through the nation's largest virtual cardiology company, including clinical reads, report generation, care plan development, and virtual consults.



AI-driven digital tools and virtual care teams for providers, plus end-to-end services for heart failure care management to optimize therapies and prevent acute events.

Caption Health has developed the AI platform that enables heart ultrasound access for early disease detection—when there is the highest potential for impact.

Our Caption Care services offer health providers, payers, and value-based care organizations convenient and cost-effective echos for their members, leveraging our Caption Atlas technology platform.

In 2021, Caption Health was recognized as one of TIME's *100 Best Inventions* and a winner of Fast Company's *Next Big Things in Tech* for health. Our platform is used at leading hospitals, clinics, and physician organizations, and is cited in several peer-reviewed journals including *JAMA Cardiology* and the *Journal of the American Society of Echocardiography*.



www.captionhealth.com



contact@captionhealth.com



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2 Wong CW, Tafuro J, Azam Z, et al. Misdiagnosis of Heart Failure: A Systematic Review of the Literature. *J Card Fail*. 2021;27(9):925-933. doi:10.1016/j.cardfail.2021.05.014

3 Sandhu AT, Tisdale RL, Rodriguez F, et al. Disparity in the Setting of Incident Heart Failure Diagnosis. *Circ Heart Fail*. 2021;14(8):e008538. doi:10.1161/CIRCHEARTFAILURE.121.008538

4 Jackson SL, Tong X, King RJ, Loustalot F, Hong Y, Ritchey MD. National Burden of Heart Failure Events in the United States, 2006 to 2014. *Circ Heart Fail*. 2018;11(12):e004873. doi:10.1161/CIRCHEARTFAILURE.117.004873