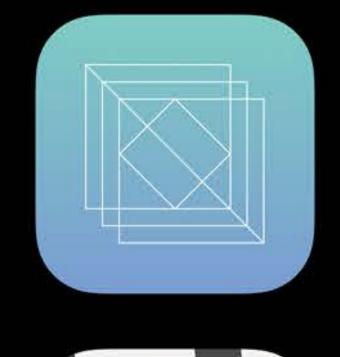
What's New in Machine Learning

Gaurav Kapoor, Core ML Lizi Ottens, Core ML











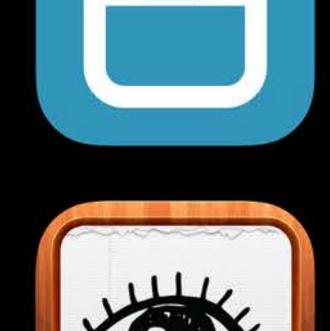
















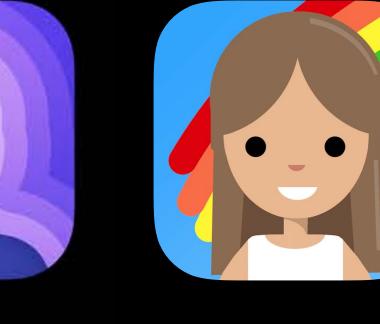
















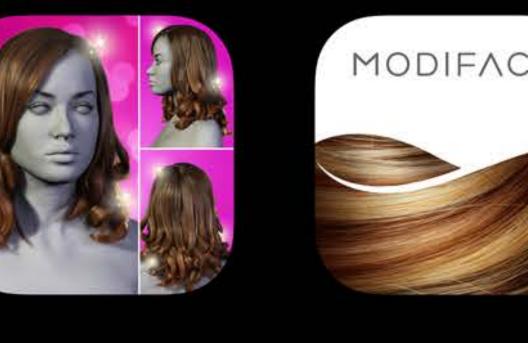


































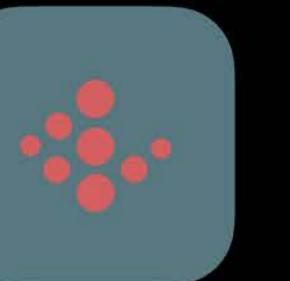


































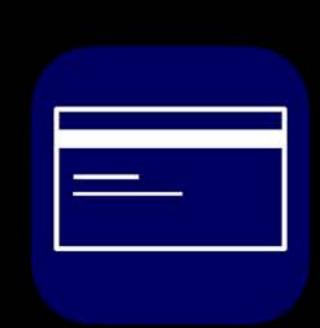










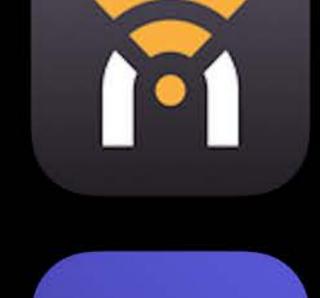




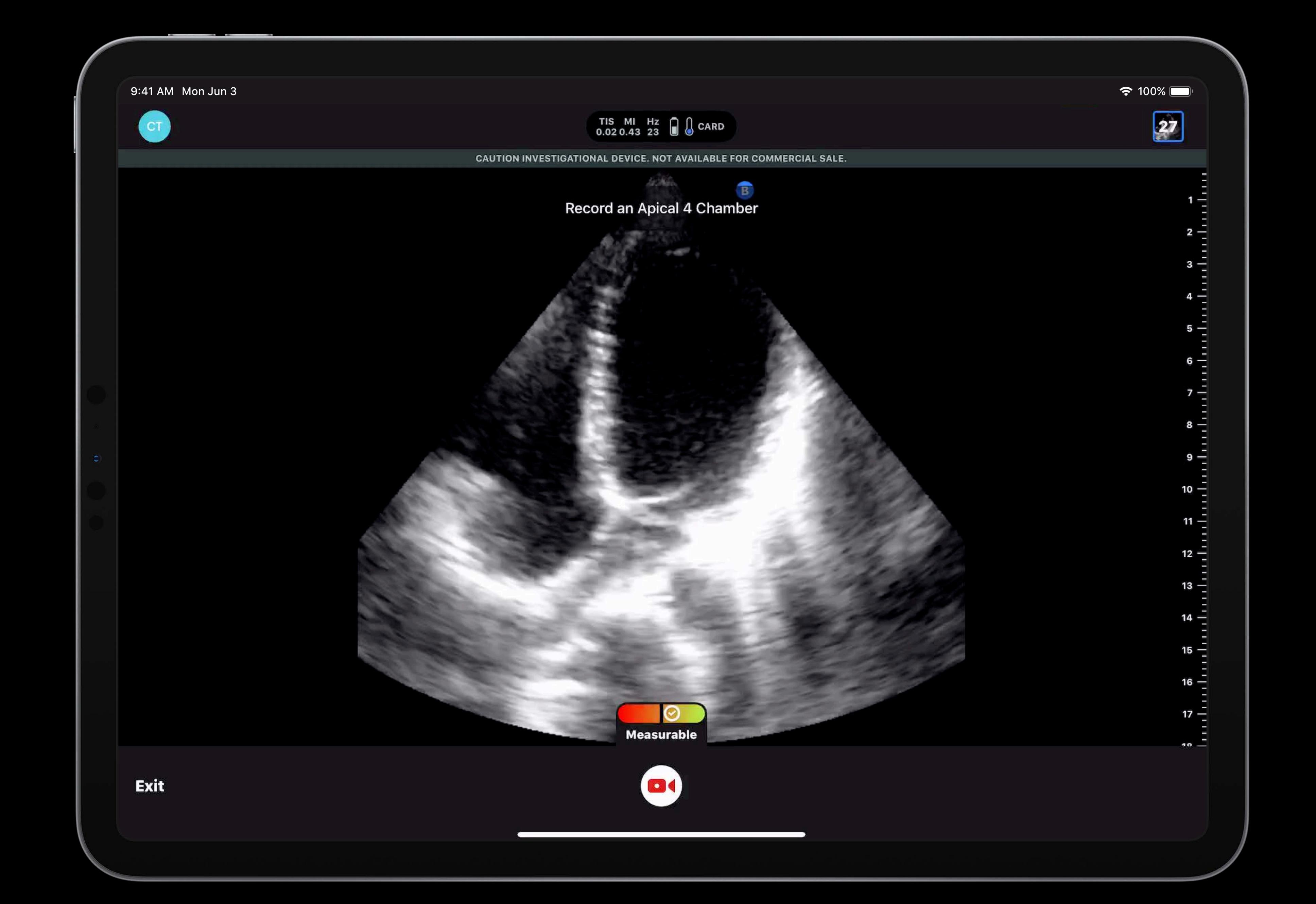


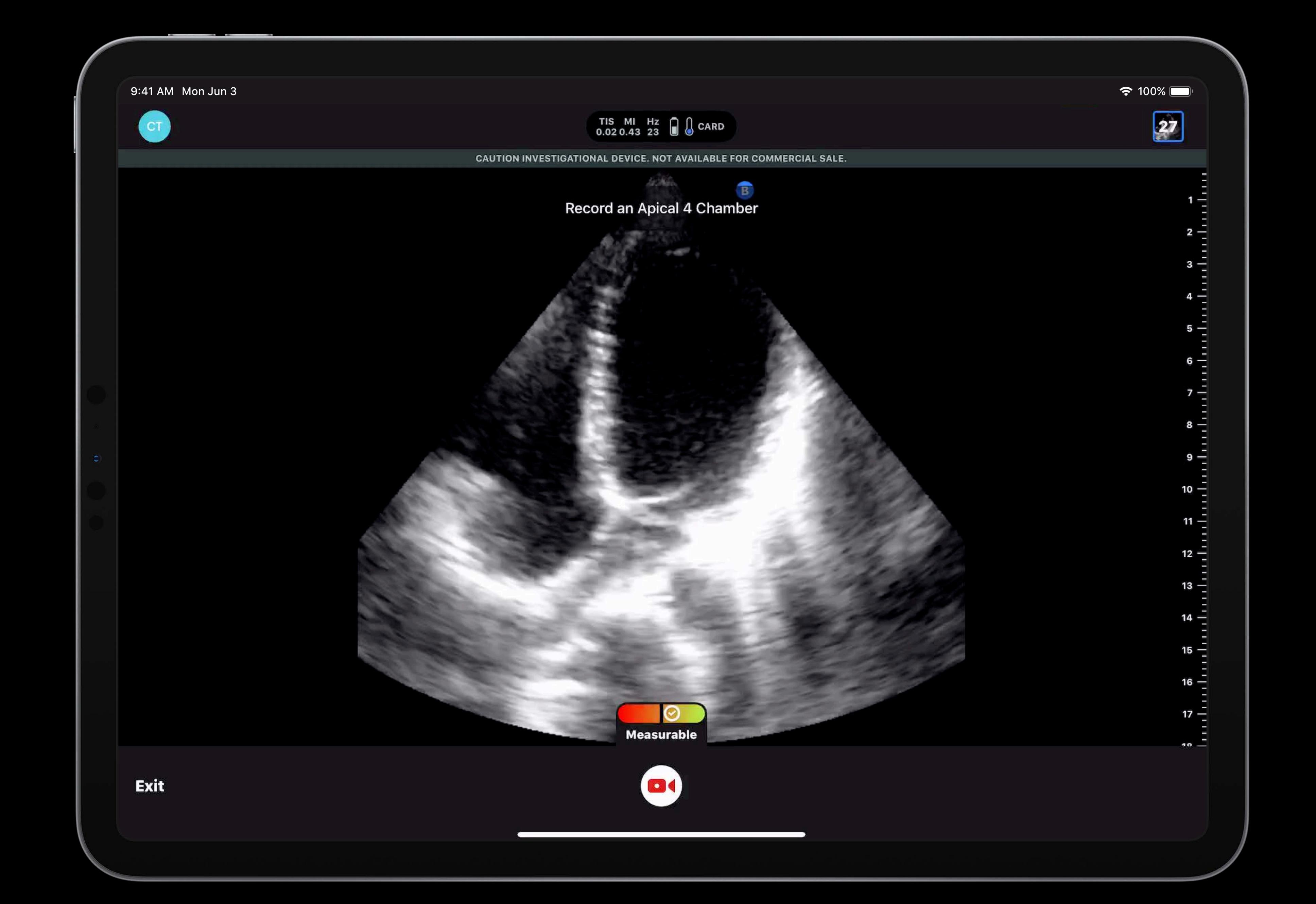


















What's new?

On-device Model Personalization

ND-Array

Dynamic Control Flow

Dynamic Graph Support

Data Table Enhancements

Model Linking

Word Embeddings

Text Catalog

Text Transfer Learning

Face Capture Quality

Sound Classification

Voice Analytics

Model Understanding Ul

100+ Model Layers

Sentiment Classification

On-Device Speech Recognition

Image Sailency

Text Recognition

Neural Network Adaptation

Audio Classification

macOS Speech Recognition

Image Classification

Object Detection

Custom Image Classifier

Document Camera

Drawing Classification

Image Similarity

New Face Landmark Detection

Create ML App

Recommendation

Single Shot Object Detection

Activity Classification

Improved Core ML Converters

eGPU Support

Annotation UI

MPS Performance Tuning

10 Sessions

From model training to building great apps with machine learning

Daily Laos

Meet with Machine Learning Engineers

Elexiole

Elexiole

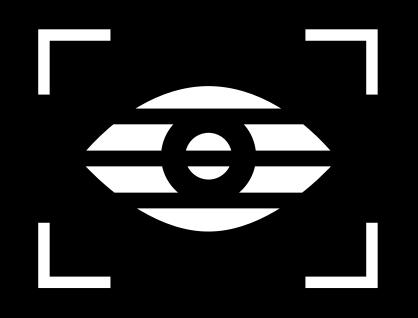
Powerfu

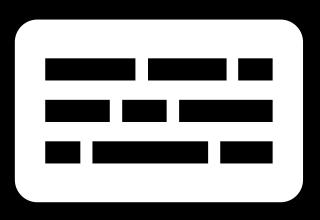
ML for Everyone

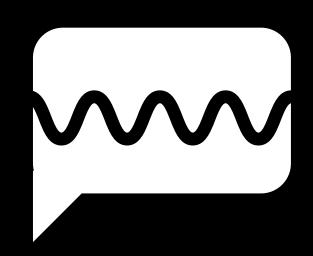


New way to build your own ML models

Create ML







Domain APIs

Significant expansion of built-in intelligence



More flexibility and personalization

Core ML



Create ML

More Information

developer.apple.com/wwdc19/209

Core ML 3 Framework	Tuesday, 4:00
Machine Learning Labs	WWDC 2019

ÓWWDC19