



Medicine X 2016 Device, Data and App Demonstrators

This document contains a selection of the device, data, and app demonstrators at Medicine X 2016 (Sept 16-18, 2016) that may be of particular interest in the following domains:

- Diagnostic Device
- Platform
- Wearable Tracker
- Telemedicine
- Mobility Device

Diagnostic Devices

AkibaH

GluCase communicates with a mobile application and physician dashboard to present glucose levels in context of other information such as activity and diet, giving users and caretakers the ability to see how their decisions impact their health in real time. www.akibah.com

Breathometer

Wireless oral health monitor; "Breath Analysis is a non-invasive and cost-effective diagnostic method that can detect and monitor chronic conditions and diseases" <https://www.breathometer.com/>

Eko

Eko Core is a digital stethoscope paired with a smartphone. You can visualize, record, and share sounds wirelessly from your Eko Core to your Apple mobile device in real time. <https://ekodevices.com/contact>

Nima (formerly 6SensorLabs)

Nima is a discreet, portable gluten tester that allows consumers to test meals for gluten in two minutes or less. It lets you see what's happening in your food at a molecular level where ever you go. <https://nimasensor.com/>



Plenoptika

The QuickSee is based on wavefront aberrometry—an extremely accurate technique that is currently used to guide LASIK surgery. Unlike conventional autorefractors, which measure only the lower order aberrations of the eye, the QuickSee measures the full aberration fingerprint of the eye, enabling an accurate prescription to be calculated. The QuickSee exploits several technologies we invented and patented to enable an ocular accurate wavefront to be captured in a simple, low-cost, easy-to-use device.

<http://plenoptika.com/>

Platform/Applications

Act.MD

ACT.md Care Coordination Record™ is the platform for team-based care, connecting all care team members and drives action through one cloud-based platform. <http://act.md/product/care-coordination-record/>

Doctella

The Doctella Checklist is a customized checklist of questions and a to-do list specific to your procedure. Use the Doctella checklist throughout your timeline of care: before surgery, day of surgery, after surgery and when you are heading home. <https://www.doctella.com/>

Echo Labs

Echo Labs provides health care payers with real-time analytics to manage chronically ill patients, avoid preventable hospitalizations, and save money on the 5% of patients who drive 50% of health spending. Our proprietary, wearable device streams continuous cardiovascular, respiratory, and metabolic data directly from high-risk patient populations to our analytics platform. We determine patient-specific trends across multiple parameters to more accurately predict acute events and deliver actionable insights to disease management teams. <http://echolabs.co/>

Honor

We select the best, most-skilled caregivers in advance so they're ready to provide the care you want, right when you need it. Our easy-to-use apps let you schedule and monitor care from anywhere. Honor Care Professionals are here to help—24/7. <https://www.joinhonor.com/>

MedicActiV

Fully-dedicated digital simulation platform for health training, whether on site or remotely, for both initial and continuing education.

<http://www.medicactiv.com/>



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LARRY CHU, MD, MS (EPI), MS (BCHM)
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Medwhat Inc.

MedWhat is a virtual assistant who answers medical and health questions for consumers and doctors instantly. The answers are provided by an intelligent super-computer that learns about medicine everyday and over time about your health record and medical questions history. www.medwhat.com

Mymee

"Data Driven Coaching™" is a new approach for solving health issues. The Mymee technology helps identify the underlying root causes for health conditions." <http://www.mymee.com/>

Notable Labs

Notable Labs helps oncologists identify promising treatment options. Based on your tumor samples, Notable tests and suggests a panel of drugs to your doctor. www.notablelabs.com

Wearable Tracker

InBody 570

The InBody BAND is the world's first wearable fitness tracker that measures your body composition. With InBody BAND, you can measure your Percent Body Fat, heart rate, and more everywhere you go. The InBody 570 goes beyond traditional body composition analysis. It not only analyzes how much fat and muscle you have, but it also measures your Total Body Water and divides it into Intracellular Water and Extracellular Water, values important for understanding a user's fluid distribution in medical, wellness, or fitness contexts. <http://inbody.com/global/intro/Map.aspx>

NimbleHeart

NimbleHeart is planning to bring innovative wearable and reusable outpatient ambulatory ECG monitoring products to the market. These products require no sticky electrodes, gel or conductive paste to work and are very light and comfortable for both men and women. These products are targeted for pre-diagnosis patients as well as those living with known risk of cardiovascular events. <http://www.nimbleheart.com/>

Qardio

Qardio is the award-winning healthcare company that combines innovative technologies, elegant design and powerful data analytics to create the next generation of connected health. Qardio devices work with a smartphone or tablet via Qardio App to measure, store and analyze collected data. Qardioarm is smart blood pressure monitor that fits your daily life. Qardiobase is a wireless smart scale that's redefining weight management.



QardioCore wireless EKG monitor offers an effortless way to monitor your heart health that fits your lifestyle. <https://www.getqardio.com/>

Spire

Activity tracker for mental/emotional states. Spire's custom activity and force sensors combine to identify periods where your breathing reflects a tense, focused, or calm state of mind. To do this, it senses the expansion and contraction in your torso and diaphragm as you inhale and exhale. Advanced algorithms in the Spire app classify your breathing patterns based on dozens of laboratory studies correlating respiration patterns with cognitive and emotional state. The guidance in the app is based on protocols from clinical studies to alleviate anxiety and pain, increase heart rate variability, reduce blood pressure, and more. <https://www.spire.io/>

Telemedicine

Captureproof

Telemedicine- secure photo/video sharing between healthcare providers and patients; "CaptureProof uses advanced computer vision in the live camera to give instant feedback on quality of photos and videos. Media arrives organized, with respect to patient progress. Practice at the top of your license through more accurate triage and seamless monitoring on CaptureProof." <http://captureproof.com/>

Nurep

Nurep is a telesurgery platform that allows remote surgeons to digitally access operating rooms securely and efficiently over a mobile device. <http://www.nurep.com>

Mobility Device

Ekso Bionics

Ekso Bionics uses the power of smart exoskeleton technology machines to empower stroke patients and those with spinal cord injuries. <http://www.eksobionics.com/>