



Health Care Originals  
Monitoring | Insight | Better Health

# Clinical-grade Wearables, Intermediate Phenotypes and Diagnosis by Proxy

MEDICA Connected Healthcare Forum 2020

## The ADAMM-RSM Advantage



# Auscultation – Centuries Old Practice

Sounding the heart, lungs and other organs continues to be a mainstay practice in medical diagnosis –  
**General Health Data.**

From field offices to cutting edge facilities, the unified  
General Health Data is collected and understood by all.



# Higher Density Auscultation & Medical Data

Universal Biomarkers with a *Clinical-Grade Wearable*:

- **Chest sounds** – including cardiac sounds of interest
- **Lung sounds** – including abnormal breath events
- In combination with activity, temperature, heart and respiratory rates

## *Respiratory Illnesses*

- Asthma
- COPD
- ILDs

## *Clinical Trials*

- CROs
- Pharma
- Univ/  
Hospitals

## *Fitness & Wellness*

- Leagues
- Sport  
Medicine

## *Health & Safety*

- Industrial
- Rescue Staff

# ADAMM Platform

## Wearable

A torso worn patch that collects:

- **Cough**, Wheeze, Heart Rate, Respiration, Skin Temperature & Activity;
- The only ambulatory cough monitor operating in real time.



- Flexible & **Comfortable**
- Easy Peel Adhesive
- Activity Proof
- Wireless
- Rechargeable Batteries

## Apps

iOS and Android apps

Easy to use with journaling and medication management options



## Web Portal

APIs built out for easy health information integration

Analytics to help with behavioral change and research



# Making Sense Of The Patterns



Diagnosis by Proxy  
&  
Intermediate phenotypes



# Ultimately...

- **Simple, Universal Biomarkers**
  - Chest sounds – including cardiac sounds of interest
  - Lung sounds – including abnormal breath events
  - In combination with activity, temperature, heart rate and respiratory rate

AI



**Intermediate phenotypes**

AI



**Earlier Diagnosis, Earlier Prediction of Exacerbation, Better Patient Outcomes**



# Beyond Identification Of Intermediate Phenotypes

**Diagnosis**



- **Continuous Monitoring**
- **Telemedicine Mode**
- **Real-time patient monitoring and interaction**



# Whole Body Relevance



## *Respiratory Illnesses*

- Asthma
- COPD
- etc.



## *Clinical Trials*

- CROs
- Pharma
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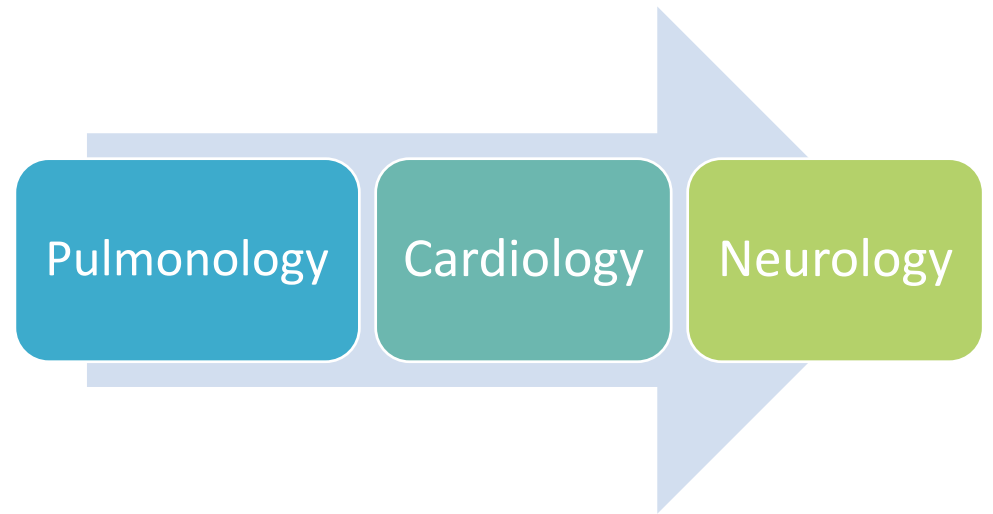
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## *Health & Safety*

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# Thank You!

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