

The background of the slide is a close-up photograph of a person's head, focusing on the ear area. A hand is visible, holding a small, dark, circular device (likely a wearable sensor or earpiece) near the ear. The image is dimmed and serves as a backdrop for the text.

# epitel

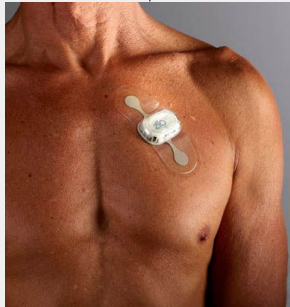
**Empowering patients and  
caregivers**

With wearables and powerful AI

**Mark Lehmkuhle - CEO**  
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# EEG IS STUCK IN AN ANALOG AGE

**EKG**



**SpO2**



**Glucose**

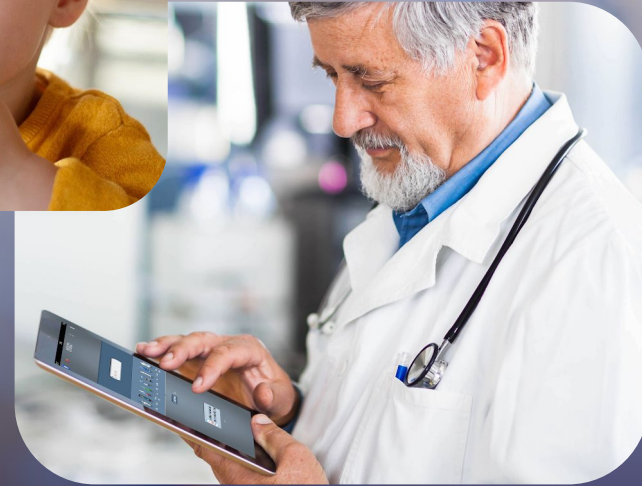


**EEG**

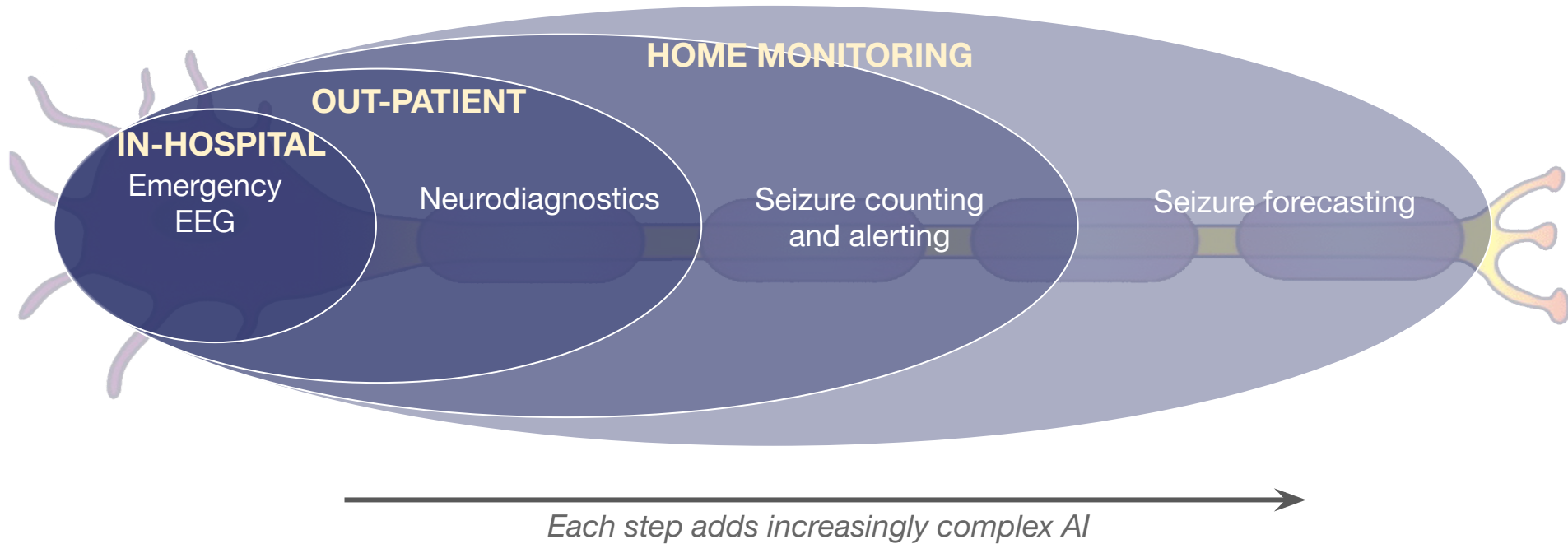




# WE'RE MODERNIZING EPILEPSY CARE



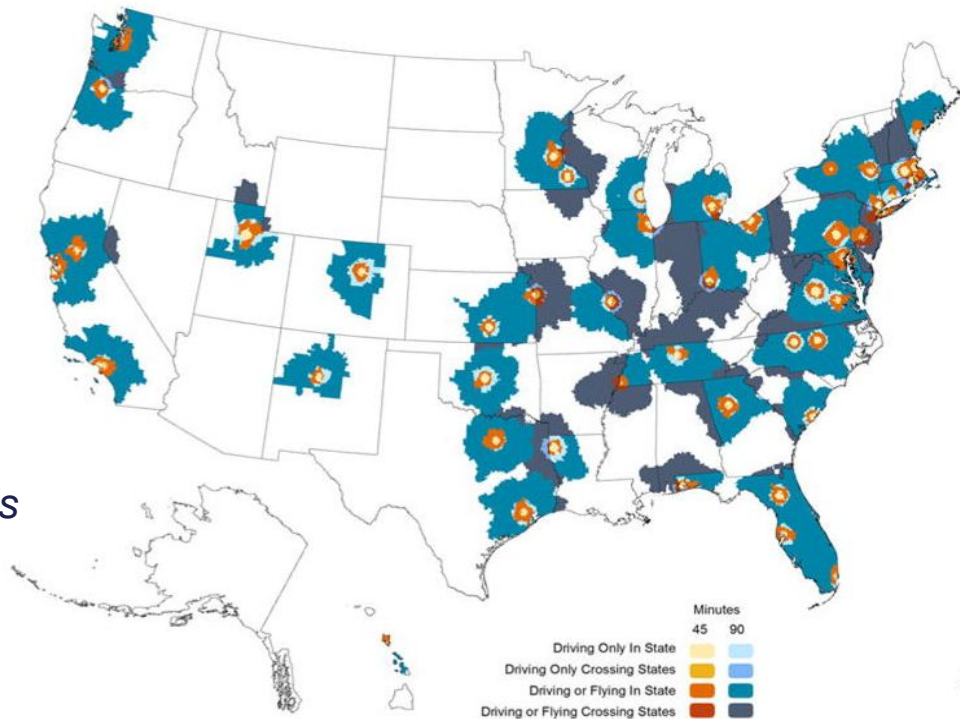
# WHERE CAN DEVICES BE USED?



# EEG ISN'T AVAILABLE TO MOST PEOPLE

**2/3** of US population (219M people)  
live >90 min helicopter ride from  
an EEG

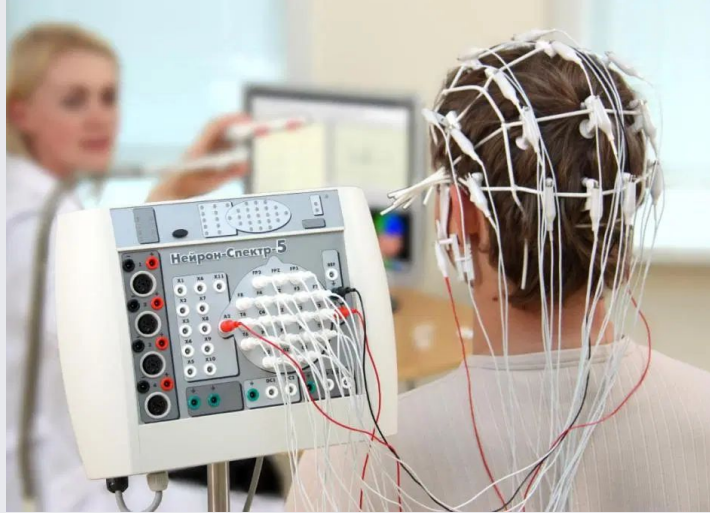
*Timely, quality access to neurological care is  
not universally accessible*



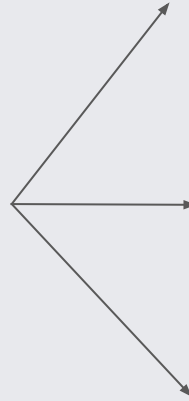
# IN-HOSPITAL MONITORING

*EEG in an emergency*

- Availability
- Speed
- Ease of Use



*Standard*



 NEUROSERVO



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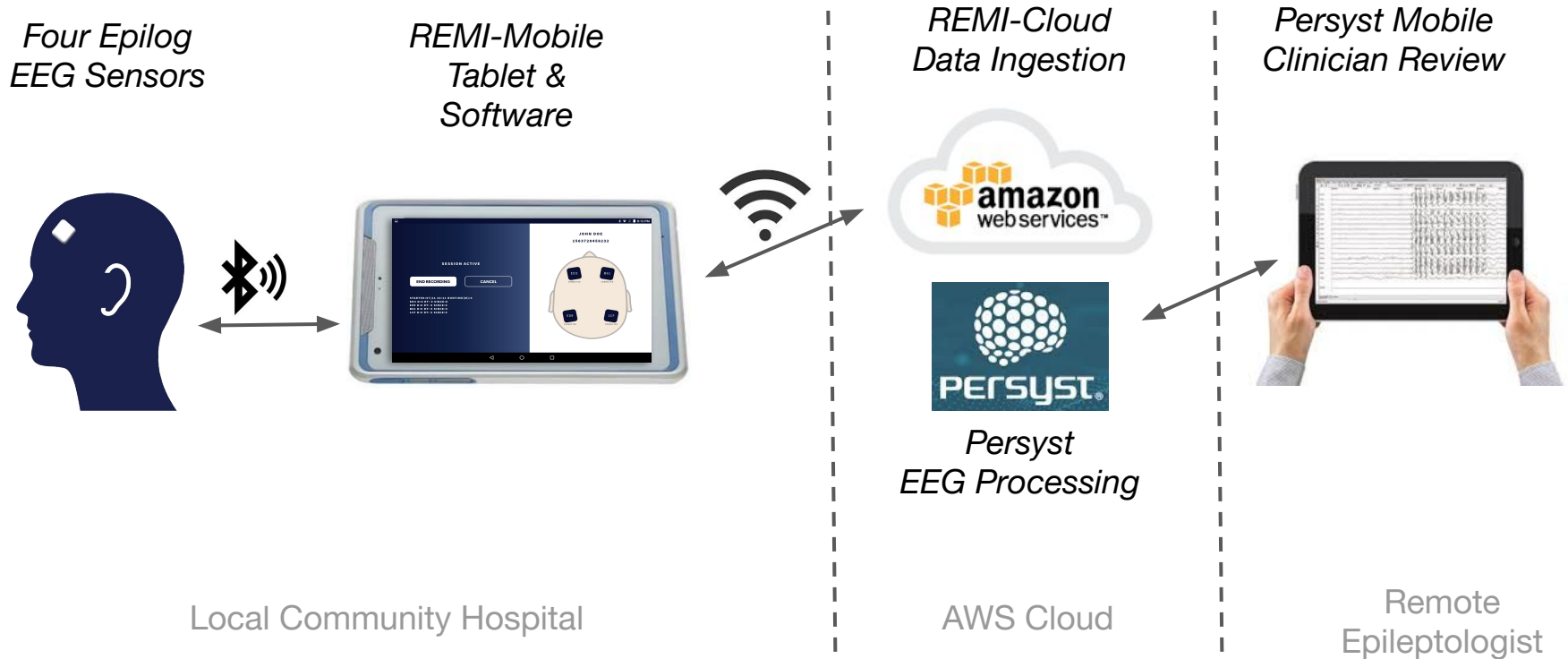


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# IN-HOSPITAL MONITORING

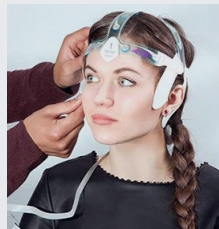
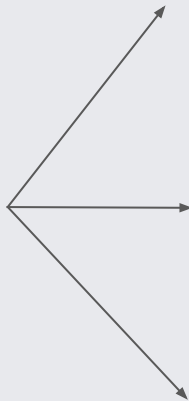


# OUT-PATIENT AMBULATORY MONITORING

- Availability
- Speed
- Usability
- Interpretability

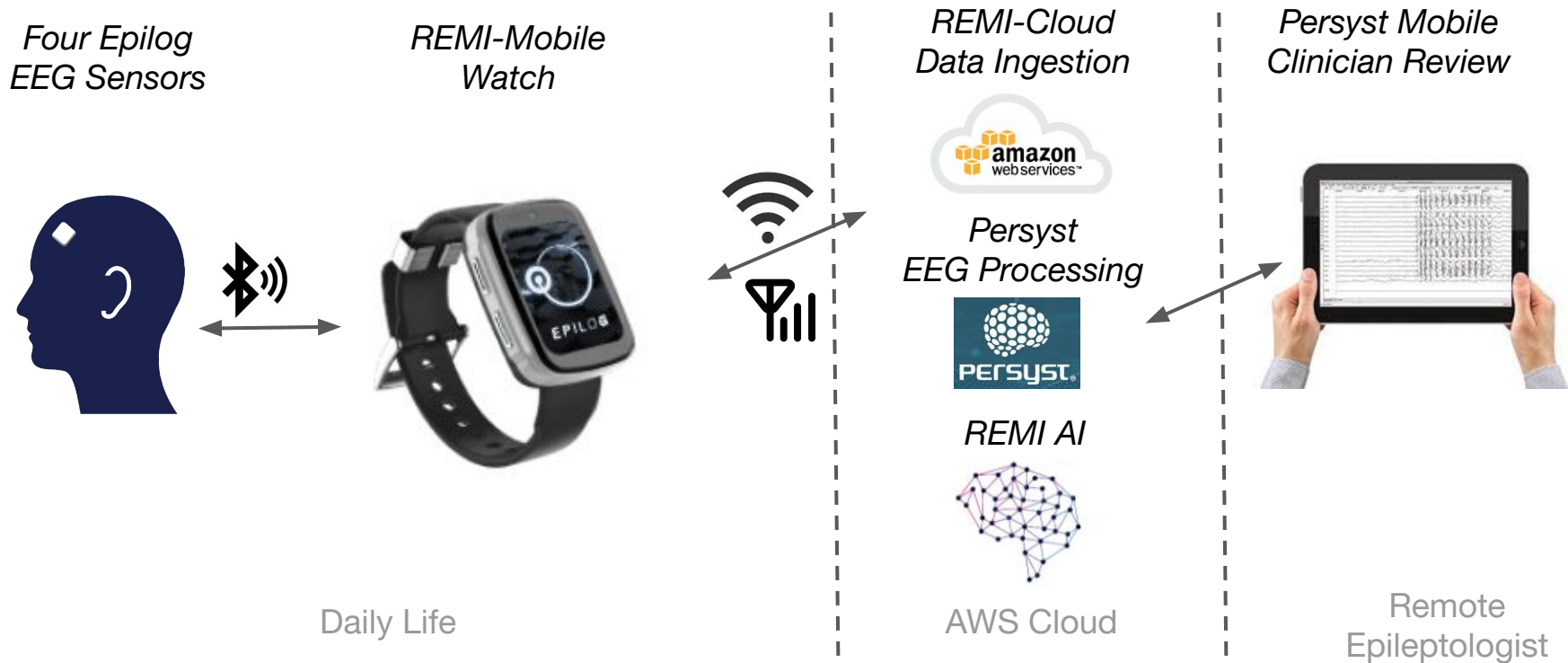


Standard





# AMBULATORY MONITORING



# HOME BRAIN HEALTH MONITORING

## Personal Preferences

- Convenience
- Usability
- Specific
- Publically acceptable
- Cost

## Technology Challenges

- Delivery A to Z
- Cybersecurity
- Regulatory
- Convert “data” to clinically-actionable “information”
- Sensitivity vs. false alarms

# HOME BRAIN HEALTH MONITORING

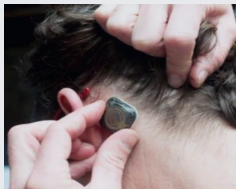
## Direct Measures (EEG)



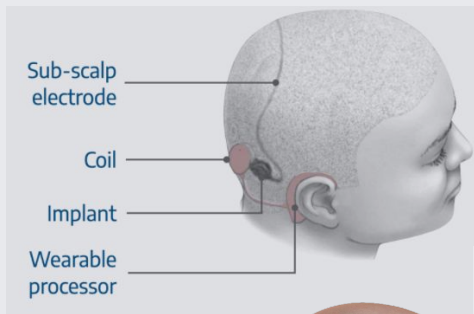
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Byteflies



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ice  
neurosystems

epiminder

NEUROVIEW  
TECHNOLOGY



UNEEDG™  
SubQ

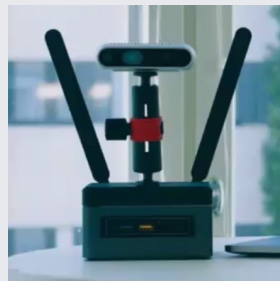
## Indirect Measures (other biopotentials)



empatica



BRAIN  
SENTINEL®



neuroeventlabs

epitel

# HOME MONITORING





# WE'RE COMMITTED TO SOLVING THESE PROBLEMS

## Developed with top tier institutions



*Clinical studies*



*Clinical studies*



*Clinical studies*



*Clinical studies*



University of Colorado  
Anschutz Medical Campus

*Clinical validation*



UNIVERSITY OF UTAH  
HEALTH CARE

*Clinical validation*



## Backed by specialized investors



## To solve a real problem

***“Epitel could fundamentally change how we determine seizure frequency outside of the hospital.”***

– Dr. Tobias Loddenkemper, MD; Director of Clinical Epilepsy Research, Boston Children’s Hospital

***“Epitel will provide patient groups and caregivers with a much needed home monitoring system.”***

– Margo Thurman, Former Executive Director, Epilepsy Foundation of Utah, Person with 56 years of living with epilepsy

