

# Watch My Health



Calvin  
Wang



Vicki  
Chen



Henry  
Jeng



David  
Halman



Matthew  
Mitchell

# Problem



Patients



Doctor

# 40 minutes

plus scheduling and transportation

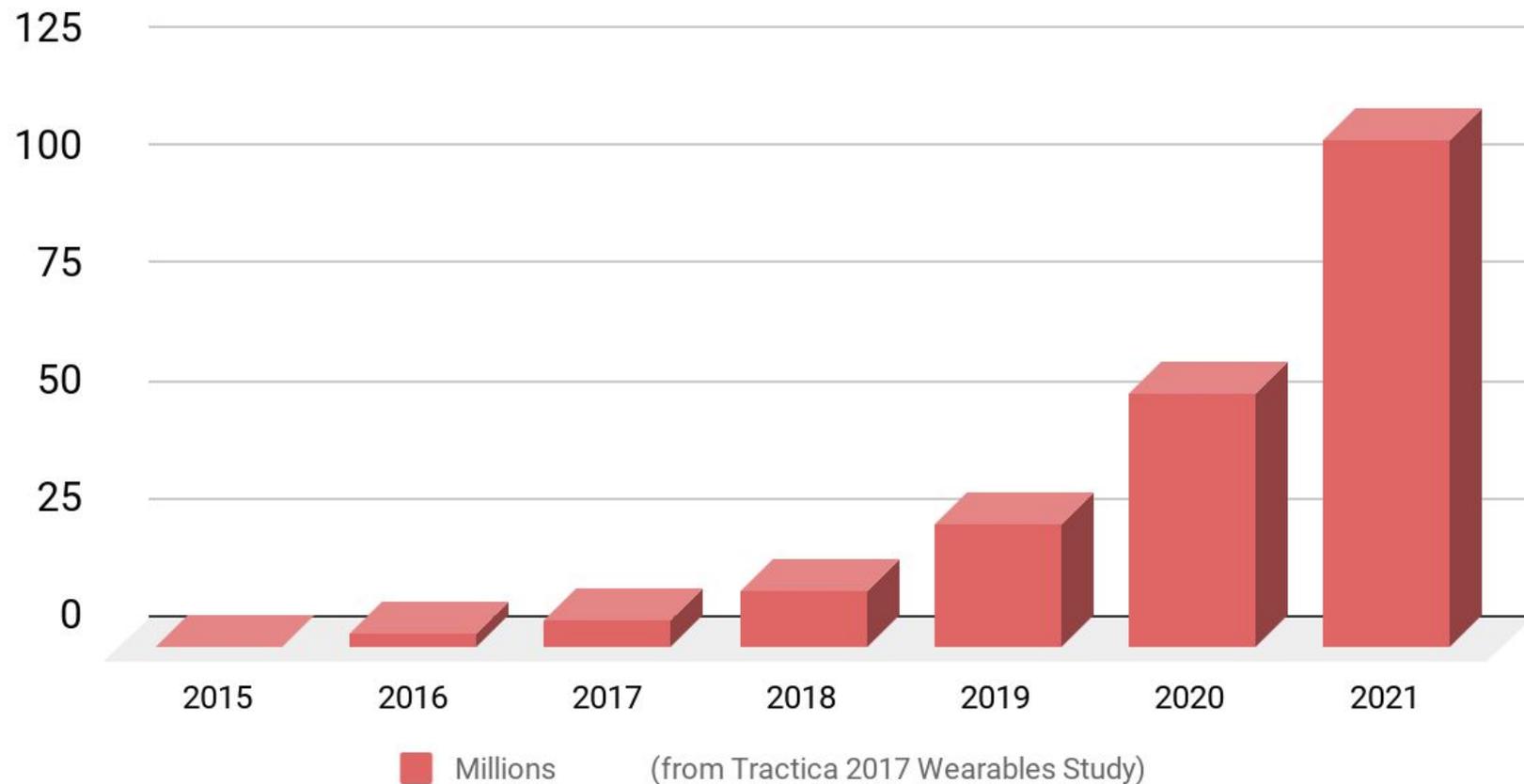
-Vital's "Physician Wait Time Report"

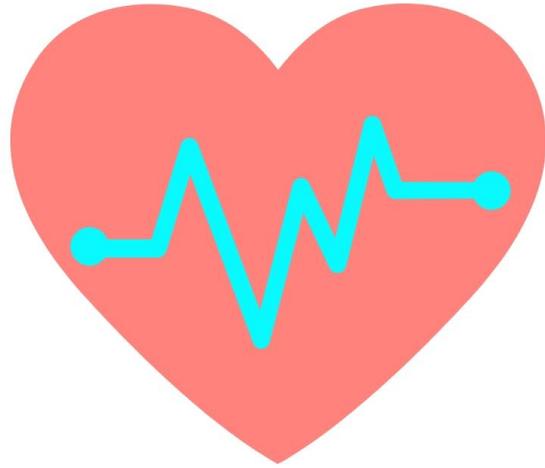
# Smart Watches and Fitness Trackers

80%

of the market share of  
wearable technology

# Wearable Device Shipments Projections





**Watch My Health**



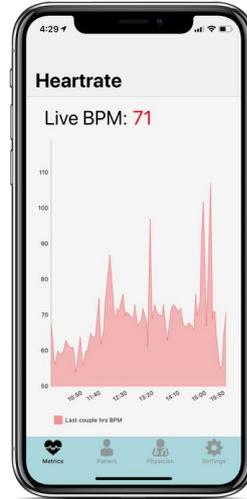
## WATCH

- Collects data



## WATCH

- Collects data



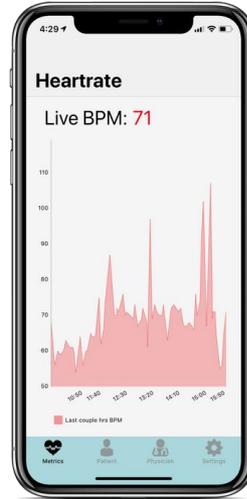
## IOS APP

- View health data
- Report symptom
- Personal Info



## WATCH

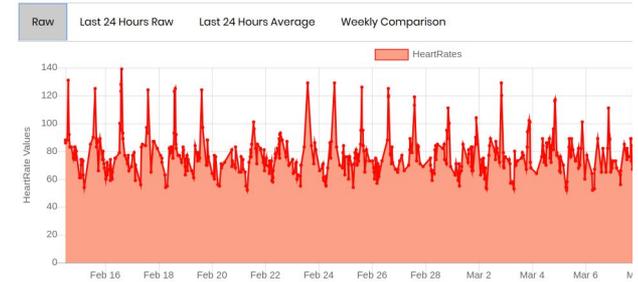
- Collects data



## IOS APP

- View health data
- Report symptom
- Personal Info

Heartrate (bpm)



## WEB APP

- View health data
- Diagnose symptom
- Determine urgency

A red square with a white border, containing the word "Demo" in white text.

**Demo**

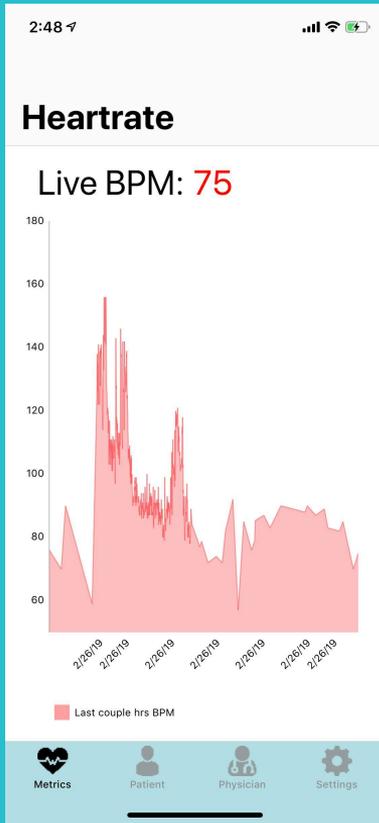
# iOS

HealthKit

iOS Charts

Messaging

Firebase



Heart Rate  
Graph

3:29

## Patient

Matthew  
matt@test.com  
22

Report Symptom

Fatigue Nausea  
Discomfort Pain

Cancel

Metrics Patient Physician Settings

Symptom  
Reporter

7:28

< Physician Dr. Halman

Hi Calvin, Got a notification here that your heartrate spiked afterhours and recently been experiencing restlessness and trouble sleeping. What's going on?

Hi doc! I have been going to gym later in the day recently due to my busy schedule.

Dr. Halman  
Physical activity later in the day could have an impact on your sleeping schedule. Let's try to switch up your routine by sleeping earlier and working out in the

New Message Send

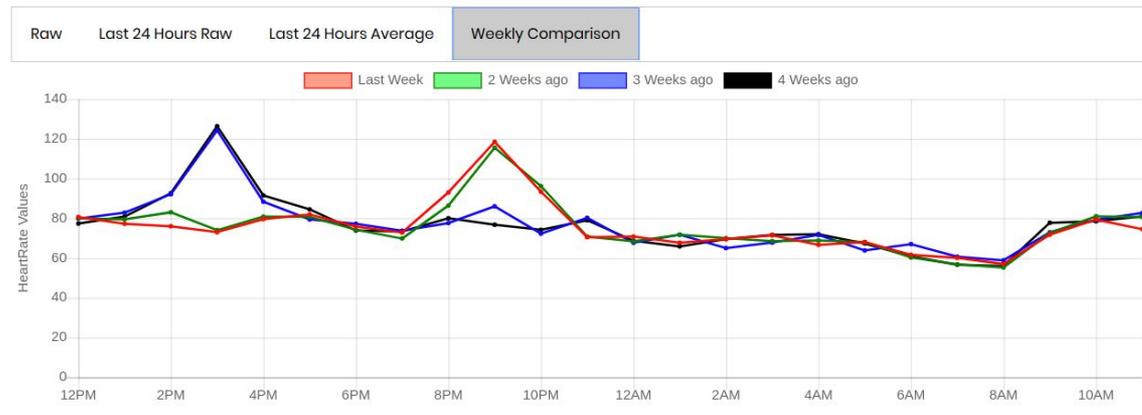
Q W E R T Y U I O P  
A S D F G H J K L  
Z X C V B N M  
123 space return

Metrics Patient Physician Settings

Chat



## Heartrate (bpm)



# Heart Rate Graph

## Chat

Hi Calvin, Got a notification here that your heartrate spiked afterhours and recently been experiencing restlessness and trouble sleeping. What's going on?

Hi doc! I have been going to gym later in the day recently due to my busy schedule.

Physical activity later in the day could have an impact on your sleeping schedule. Let's try to switch up your routine by sleeping earlier and working out in the morning. How does that sound?

Write a message

# Future Work

## Holistic health profile



Diet



Exercise



Sleep



Physical  
Measurements

## Support for more wearable devices



FitBit



Android  
Wear

# Future Work

## More analytics



Disabilities



Age



Family history



Genetics

## Incorporate more healthcare features



Prescription  
History

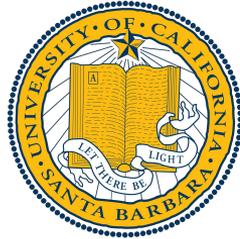


Appointment  
Scheduler

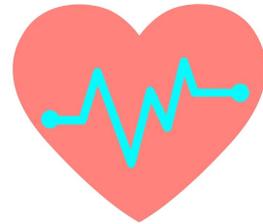
# Thank You



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Questions