



# Use of Remote Patient Monitoring in Post-Hospital Discharge After MI: Insights from the Corrie Health Experience

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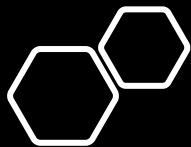
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Co-Founder, Corrie Health



## **Disclosures**

**Co-Founder: Corrie Health**

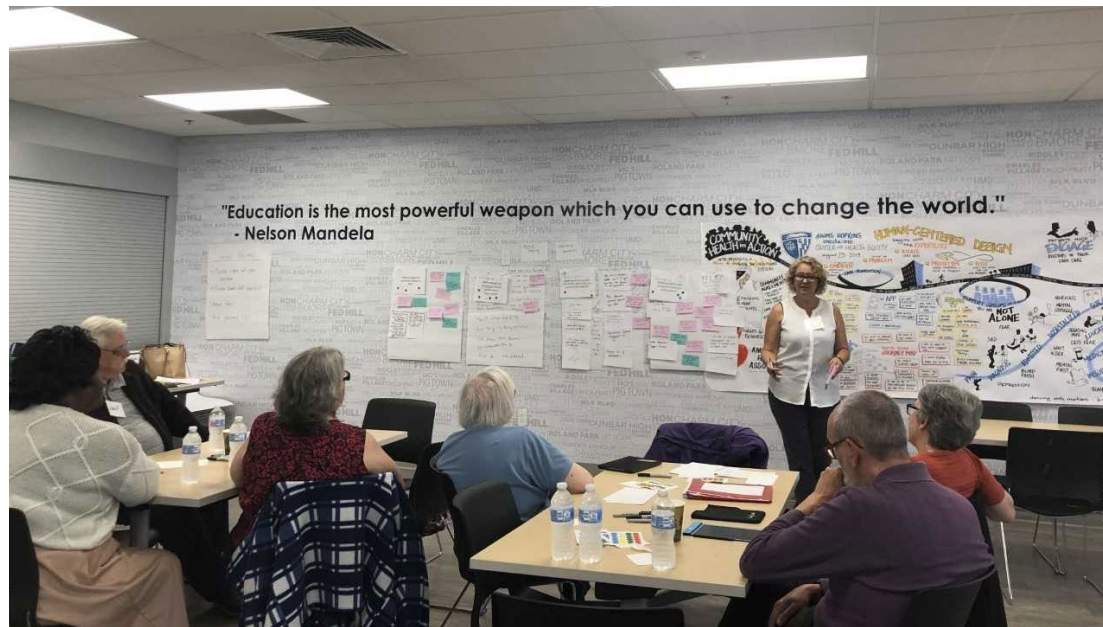
**Consulting: Amgen, AstraZeneca, DalCor, Sanofi, Regeneron,  
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**Envisioning a Tech-Enabled Future  
of Post-MI and Cardiology Care**

# Human Centered Design

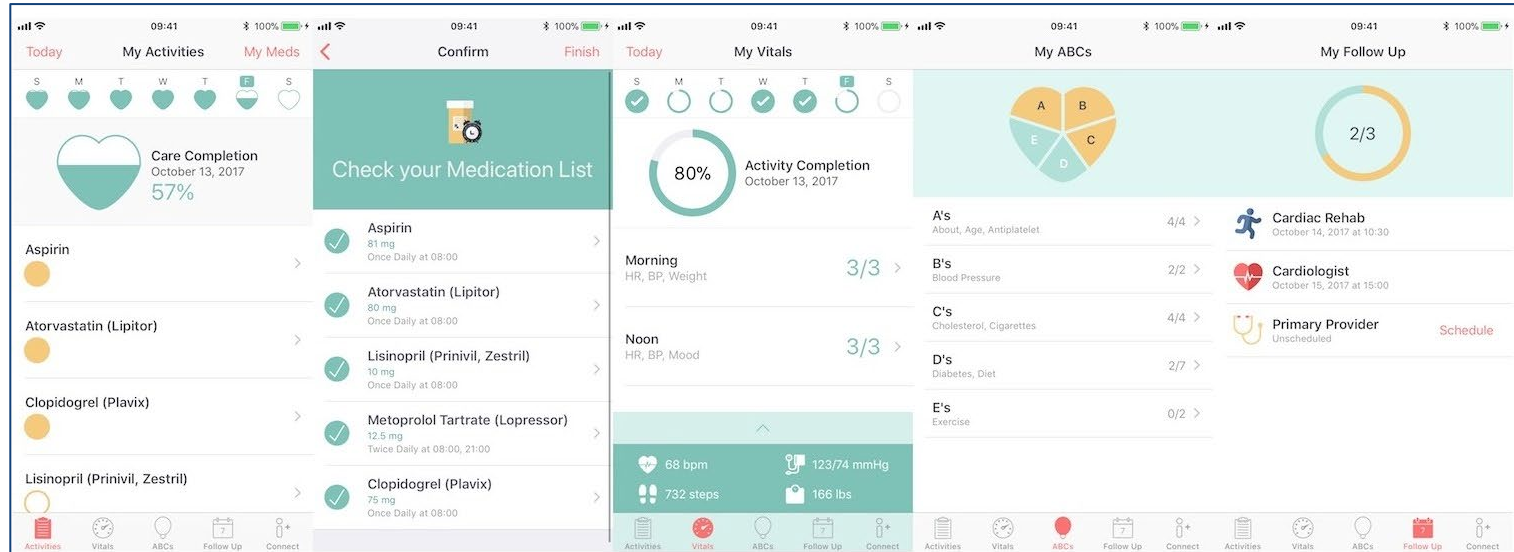




A personalized, holistic, and engaging  
mHealth app for guideline-based CVD prevention.



Françoise Marvel

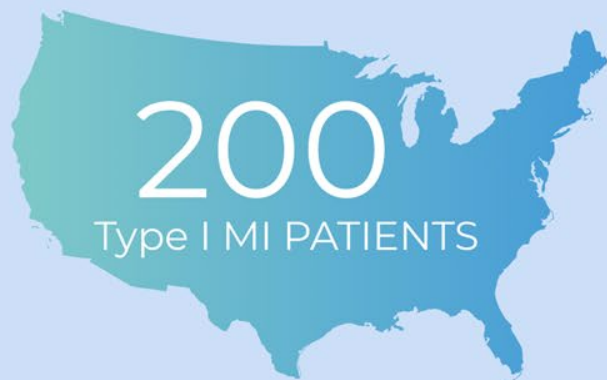






# MiCORE Trial of Corrie in AMI

Led by **Francoise Marvel**  
& **Erin Spaulding**



Studied 200 patients given Corrie after a heart attack (Type I MI)

The Johns Hopkins Hospital | Johns Hopkins Bayview Med. Ctr.  
Massachusetts General Hospital | Reading Health Systems

## PRIMARY OUTCOME:

30-Day All Cause Readmissions<sup>1</sup>

HR 0.48, 95% CI 0.26–0.88



## SECONDARY OUTCOMES:

>90% Patient engagement



Can be deployed  
in high acuity  
settings

Cost savings:

**\$10K** per patient<sup>2</sup>      **\$15K** per QALY

MiCORE Clinical Study Registration: NCT03760796; <https://clinicaltrials.gov/ct2/show/NCT03760796>  
1. A Digital Health Intervention in Acute Myocardial Infarction" (in press). Spaulding et al. Corrie Health Digital Platform for Self-Management in Secondary Prevention After Acute Myocardial Infarction MiCORE Rationale and Design Circulation: Cardiovascular Quality and Outcomes. 2019;12.  
2. Marvel, et al. Cost-Effectiveness of a Novel Patient-Facing Digital Health Intervention for Acute Myocardial Infarction Recovery, in revision- 10k is gross of assumed \$3k Corrie cost



## BMJ Case Reports

Mobile health application platform 'Corrie' personalises and empowers the heart attack recovery patient experience in the hospital and at home for an underserved heart attack survivor

### Patient's perspective

#### Meet Tammy



Photo permission given



# Highlights

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Evidence-based  
content



Validated sensors



Intuitive, patient-  
friendly



Action-oriented

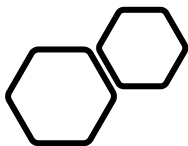


Address access,  
social determinants



App/Platform +  
Process + Culture





Thank You