

# Cardiac Activity Monitoring using Heart Vibrations

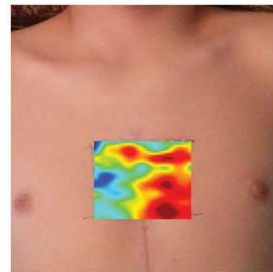
Volunteer for research at MSU and contribute to discoveries that may improve health care for you, your family, and your community!

**Age:** Over 18 years of age

**Gender:** Any

**Health Condition:** Healthy or with a history of cardiovascular issues

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Investigator



**Amirtahà Taebi, Ph.D.**  
Assistant Professor of  
Biomedical Engineering

## Description

The purpose of this research is to see how heart vibrations propagate to the body surface, and how these vibrations can help us detect different types of cardiovascular diseases. These vibrations will be recorded using noninvasive sensors and a contactless camera.

## This study requires

A one time visit which includes a screening session (may be done over the phone) and a measurement session.

## Who can participate

Healthy individuals over 18 years of age

Individuals over 18 years of age with a history of cardiovascular issues

## Study ID

MSU IRB: IRB-21-459

## Resources



Study flyer

Download

## Schedule

Recruitment period  
From December 1, 2021

## Location

Taebi Lab  
130 Creelman St  
J. Charles Lee Agricultural and  
Biological Engineering Building  
Mississippi State, MS 39762



## Contact

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