



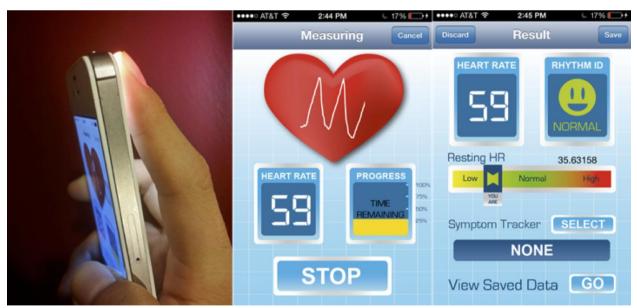
You are invited to participate in new research:

Detecting Atrial Fibrillation Using a Smart---Phone

Background: Monitors are commonly used for atrial fibrillation detection, but are bulky so new techniques are needed for rhythm monitoring.

Goal: We are conducting a study to see if a smartphone application can detect an irregular pulse from atrial fibrillation using the camera lens & flash light reflection from the skin.

Study plan: We would like to give you a study iPhone 4S for 1 week. We would like you to check your pulse at least three times daily (breakfast, lunch, dinner). We would like you to review the application using a questionnaire and return the phone using a pre---paid package.



Please let your technician know if you would like to talk with a member of the research team about this project.

Principal Investigator: Dr. Oluwaseun Adaramola , MD Study coordinator: Michelle Maynard (<u>Michelle.Maynard@umassmed.edu</u>) Cardiology Research: (774) 455-3874