



# Phoenix Ambulatory Blood Pressure Monitor

Research Scenario  
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# Outline

- ◆ Participants
- ◆ Research Project Initiation
- ◆ Candidate Selection
- ◆ Preparation
- ◆ Test
- ◆ Results analysis

# Participants

- ◆ Scientist –conducts the research
- ◆ Doctor – participates in the screening of monitoring the condition of the patients
- ◆ Participant – volunteer for pressure monitoring may or may not be patient
- ◆ Nurse – helps in device application
- ◆ Technician – gathers data from the device
- ◆ Lower – maintains legal framework of the test

# Research Project Initiation

- ◆ Major research organization obtains funding for the research on the preventive effects of blood pressure monitoring
- ◆ Detailed test schedule is developed
- ◆ Volunteer candidates are invited through newspapers or internet. Current patients can be also invited if they are within the test scope
- ◆ Doctors, Nurses and Technicians are instructed on the details of the particular test

# Candidate Selection

- ◆ Scientists and Doctors are major players during the test selection insuring proper initial condition of the test. Condition of the patient is documented at this point
- ◆ Lower is hired by the research organization to insure proper legal framework of the process

# Preparation

- ◆ Selected participants are instructed by nurse and technicians on how to use the monitor.
- ◆ In certain test scenarios placebo monitors can be considered to insure accuracy
- ◆ Participants wear the monitor for some time (may be a week) to get used to it

# Test

- ◆ The length of the test is determined by the scientists
- ◆ During the test participants provide their data and diaries weekly to the scientists, using secure dedicated internet connection
- ◆ Doctors monitor the condition of the patients regularly
- ◆ Drop outs can stop their participation at any time and return the monitor

# Results analysis

- ◆ After the conclusion of the test researches analyze the results using statistical methods according to their project plan
- ◆ Participants can get the information on their pressure patterns and doctor analysis and advice