

# Using NFC technology in Mobile Health

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# Two samples in demo

1. How can use one medical device in family
2. Tracking accuracy of medication

# One of the problems in mHealth apps

**Two** or more people use one device.

**Why ?**

For example, **two** BP monitors is  
strange !

# Common view



# How it works

1. Circle is the NFC tag
2. Tags associated with people
3. Phone reads tag and binds the result to the people

# Process of measurement

1. Put phone on the circle
2. Measure blood pressure

If not placed before - you can do it in 20 seconds after

# Tracking accuracy of medication

**It s another problem ?!**

- **Yes !**

1. Wrong time
2. Wrong medication packaging
3. Incorrect confirmation



# How it works

1. The doctor prescribes medication
2. The server notifies the patient of taking drugs
3. The patient confirms that the medication



# Process of tracking

1. Inside the packaging of drugs is a NFC tag
2. The server notifies the patient via SMS
3. Touch your phone to a packaging to confirm the taking medication
4. Otherwise - the server will send SMS again

# On stand

- Info about NFC tech.
- Sample applications
- Free of charge blood pressure measurements
- Aspirin for next morning