

SDK PLUS



android

SOFTWARE DEVELOPMENT KIT

FOR REMOTE PATIENT MONITORING, CLINICAL TRIALS AND MORE

Develop your own Spirometry & Oximetry App
with limited time and efforts.

Leverage 28+ years of MIR experience in
Spirometry, Oximetry and Mobile Health



Five tools for **COUNTLESS DEVELOPMENTS**

1

COMPLETE FVC TEST

For Apps designed to **Detect, Diagnose, Manage** the most common respiratory disease

2

INCLUDE SVC TEST

Additional Health Surveillance as requested by many **Hospitals and Clinics**

3

COLLECT BREATH DATA

Retrieve a Flow point each 10 milliseconds of Time, to develop Apps for **Clinical Trials, Respiratory Rehabilitation** and **Games**

4

PEF & FEV1 TEST

Expiratory flows in 1 second to develop **Asthma and COPD** monitoring Apps

5

OXIMETRY TEST

Plethysmographic curve and real-time **SpO2% and BPM** for Oximetry check Apps

MAIN features



BLUETOOTH CONNECTION

- Device discovery, connection, start test, perform test, battery level, firmware/Csr version and more



EFFORTLESS DEVELOPMENT

Only native language (Java, XCode - Objective C). SDK libraries reduce the time-to-market, no medical engineering skills required

DISTINCTIVE features



SPIROMETRY GUIDELINES

Not only raw data: SDK include **“reference” values for spirometry** and get predicted, LLN and Z-Score values



INTERACTIVE AND INTUITIVE

SDK include **“Acceptability” messages and advices for patients** while performing the test.



GLOBAL AND MULTI-ETHNIC

GLI-2012 equations for **multi-ethnic groups and the 5-93 age range**. Develop a global App for international customers



ALWAYS UP-TO-DATE

Subscribe and join **MIR Developer Program**, receive SDK updates and MIR developer badge

THE SOURCE CODE OF A SAMPLE APP IS PROVIDED.

Developers, instead of writing code from scratch, can copy and paste from the sample app.



Play the Video of the Sample APP



Quick Guide for Developers always included with Best Practices and Tips!