



«OUR» NUMBERS

28

Years
of Experience

100

Countries use our
medical devices

8

International
Patents

16%

Of revenues
Invested in R&D

MIR combines **Made-in-Italy** quality, design and know-how with an international reach covering approx. 100 countries through a network of established distributors, generating more than 80% of its sales abroad.



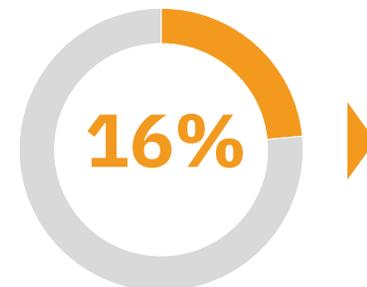
Health & Fitness
@ home: Is tech
empowering **a**
healthier lifestyle?



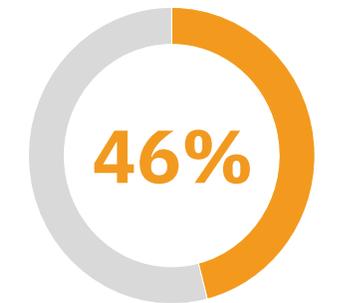
- ✓ **Digital health** is playing a massive part in healthcare. Apps and developers are beginning to focus on encouraging **healthy lifestyles** and wellness to prevent patients from becoming ill.
- ✓ With 93% of physicians believing that mobile health apps can improve user's health, **digital health is on the rise.**
- ✓ People are increasingly willing to try **non-traditional methods** for accessing healthcare services, especially due to the pandemic changing the face of in-person care.

REMOTE MONITORING CONSUMERS ADOPTION

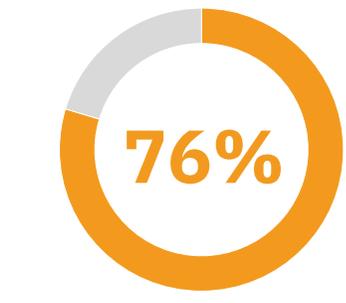
Before Pandemic



During Pandemic

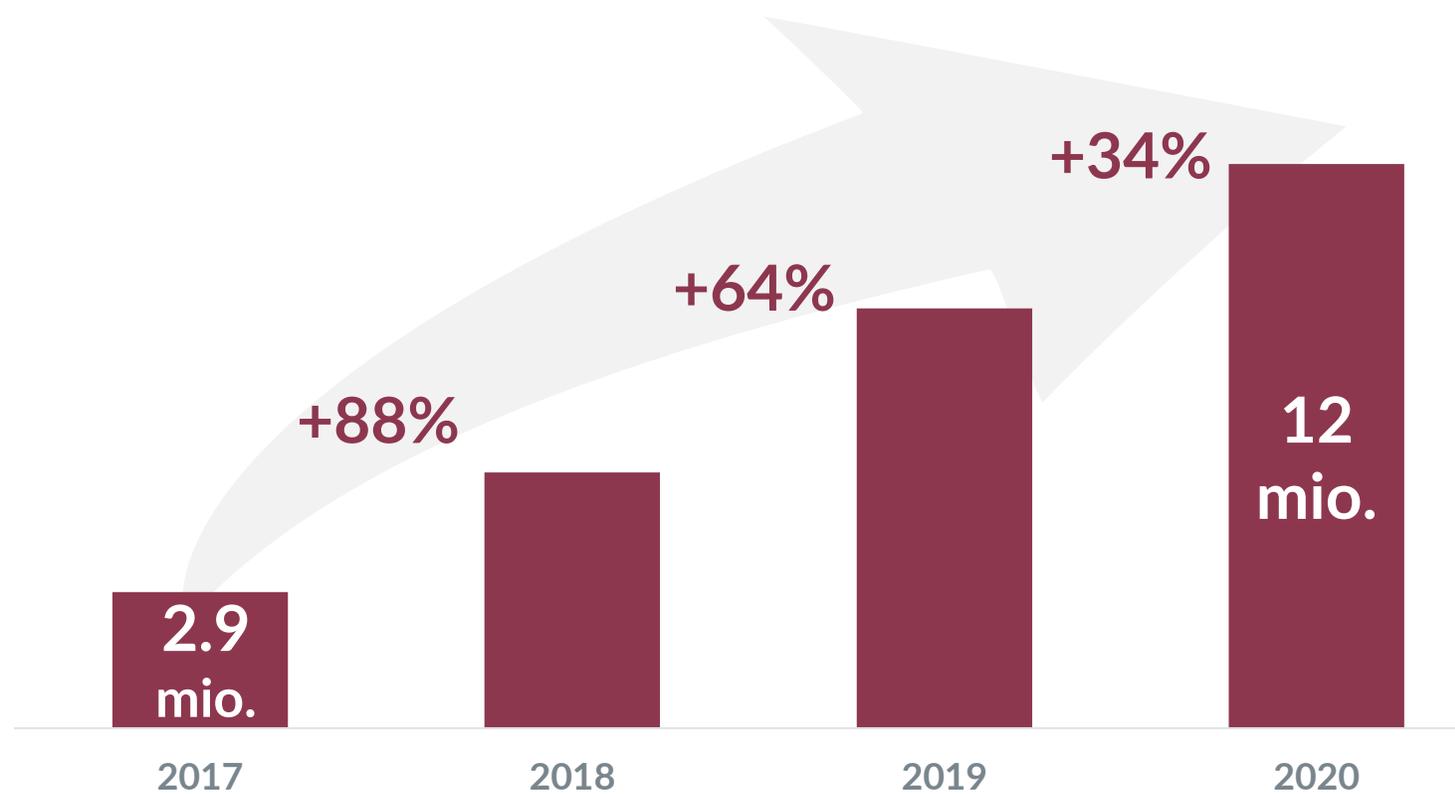


After Pandemic



Boom of Core Wearables throughout the past years – supporting the rising Digital Health focus

Core Wearables in Distribution in Europe



Mobile healthcare

- Easy access to useful information and tools to help people manage their health
- Make and manage appointments easily
- Manage overall mental and physical wellbeing.

Virtual consultations

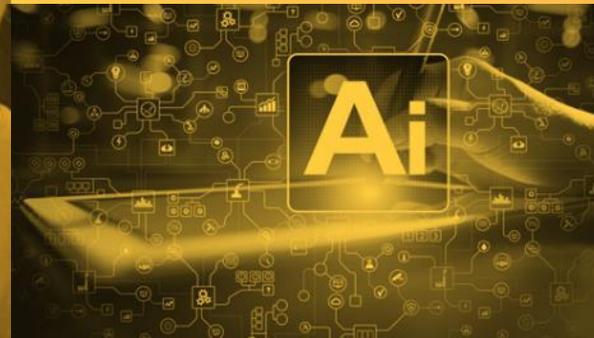
- Increased significantly during the pandemic as physical encounters are limited
- Easy and likely to become a standard practice in the future.

Artificial intelligence

- Healthcare market is expected to exceed \$34 billion by 2025 because of its usefulness for creating tailored treatment plans, optimising drug development and much more.

Wearables and self-monitoring solutions

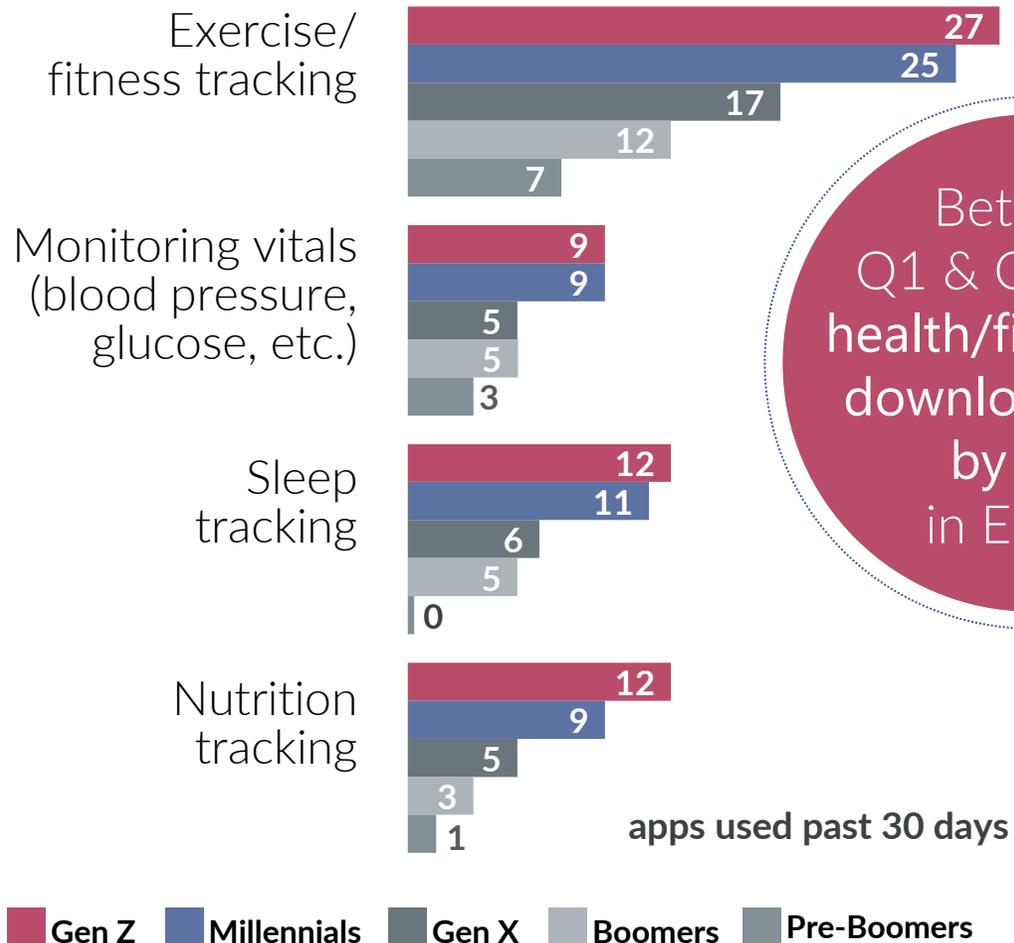
- Empower people to take charge of their own healthcare.



Apps are transforming health and fitness



Gen Z and Millennials are leading the adoption



Between Q1 & Q2 2020, health/fitness app downloads grew by 25% in Europe



Source: GfK Consumer Life, Tech & Digital Lifestyle 2020 study (Europe = BEL, FR, GER, IT, ESP, SWE, UK)

1

QUALITY OF LIFE

We can stay alive for long periods of time without food, water and even sleep, but not without oxygen. Healthy lungs guarantee the **best possible quality of life** for **any individual**. Lung check and prevention are essential specifically in this day and age of climate change and increasing air pollution.

2

WELLNESS AND WELLBEING

Every system in the body relies on oxygen. From cognition to digestion, **effective breathing** can not only provide you with a greater sense of mental clarity, it can also help you **sleep better, digest food** more efficiently, improve your body's **immune response**, and **reduce stress** levels.

3

SPORTS ENHANCEMENT

Being physically active has many benefits including strengthening your heart and improving lung function. Tracking lung health over time can help **increase performance** during **training regimes** or **rehabilitation programs**.

4

SPORT MEDICINE

This not only allows physicians to verify the quality of data obtained by athletes on their personal device, but it also liberates the athletes who have busy training schedules from clinic visits.





1

UNCOVER CHANGES IN YOUR WELL-BEING

Track the trends of oxygen levels in the blood over time, to see when there may be indications of important changes in your fitness and wellness.

2

A VALUABLE TRAINING TOOL

For athletes, oxygen delivery to the tissues is imperative for **optimizing performance results**. Oximeters can help athletes unleash their true potential with more effective workouts.

3

A TRUE LIFE-SAVER

Both for a person in all possible conditions of «hypoxia», and for a doctor who can make a correct and timely diagnosis to save a patient's life.

1 LEARN MORE ABOUT YOU HEART

Get to know more about you heart and its functioning. Check and track record of the natural electrical impulses that coordinate contractions of the different parts of the heart to keep blood flowing the way it should.

2 PREVENTION IS ESSENTIAL

Sometimes a healthy diet and healthy lifestyle is not enough to be sure your hearth is working well. You might not experience any symptoms and a simple hearth check can help you detect atrial fibrillation at early stage.

3 A TRUE LIFE-SAVER

Don't be scared about symptoms such as weakness, fatigue, lightheadedness, shortness of breath and chest pain. Just perform a test and clear any doubt about your heart's health.





Cost of a Medical Device is **Deductible** in many countries worldwide, by the National Health System and Insurance Companies.

Smart One is **Covered by MEDICARE**



MIR is a medical device and software manufacturer with **28 years** of recognized advancements in Spirometry, oximetry and telemedicine.



CE Marked according to the **MEDICAL DEVICE DIRECTIVE** instead of generic electrical and electronic equipment directive

Compliant with specific International Organization for Standardization ISO for:

Lung check

- ISO 23747
- ISO 26782

Heart check

- IEC 60601-2-47

Oximetry

- ISO 80601-2-61



All it takes is a blow

Personal pocket spirometers to check your breathing function when and where you want.



Green = OK



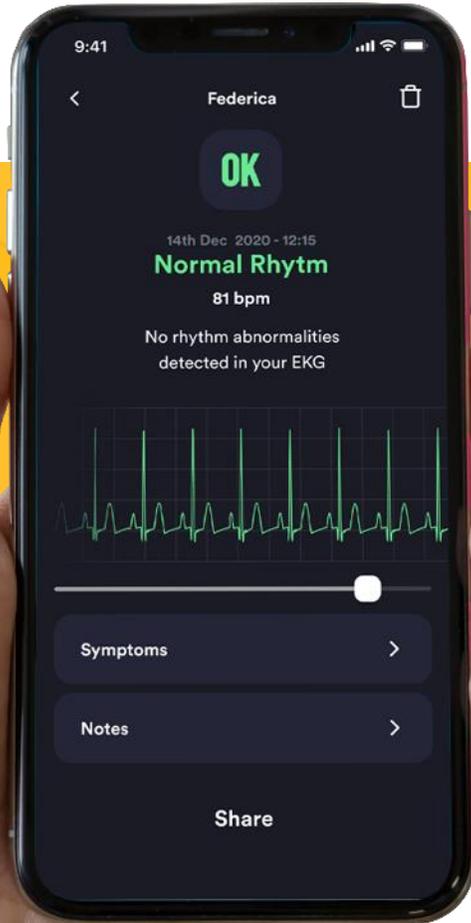
Yellow = Caution



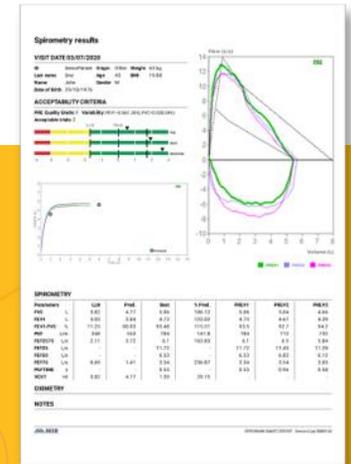
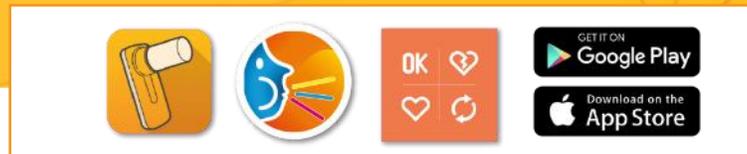
Red = See your doctor

Automatic connection via Bluetooth with your Smartphone

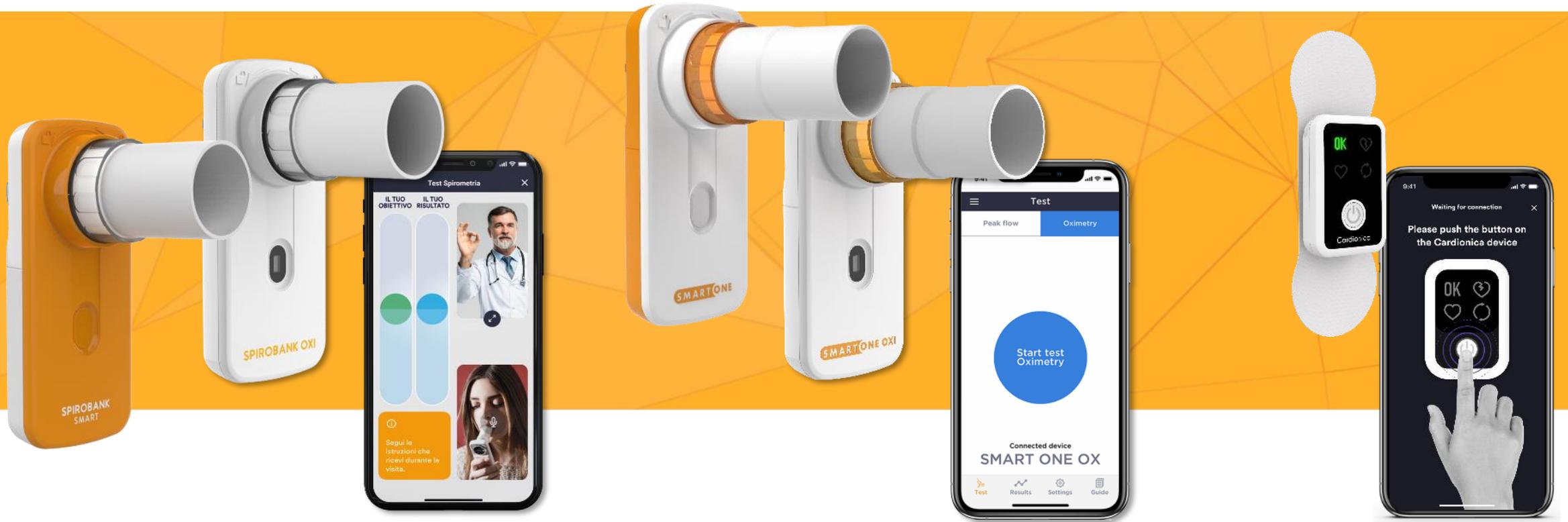
The more informed you are about your health, the more empowered you are to take action.



- ✓ VIEW DATA IN REAL-TIME
- ✓ ADD NOTES AND GOALS
- ✓ SAVE RESULTS IN PDF
- ✓ SHARE WITH ANYONE VIA EMAIL, WHATSAPP AND OTHER APPS



PRODUCT OVERVIEW



1. SPIROBANK OXI F/V
2. SPIROBANK SMART F/V

1. SMART ONE OXI
2. SMART ONE

1. CARDIONICA



SMALL & LIGHTWEIGHT:

Dimensions:
1.93 x 4.29 x 0.82"
Weight: 14 oz (60.7 g)

PARAMETERS

Spirometry: PEF, FEV1
Oximetry: SpO2 (%), Pulse (BPM)

Directly on your smartphone.



CONNECT WITH MIR SMART ONE APP



× **No Keyboard**

No user interaction required.

× **No display**

Results and incentives available on the App.

× **No Memory**

Tests are automatically stored in the App.

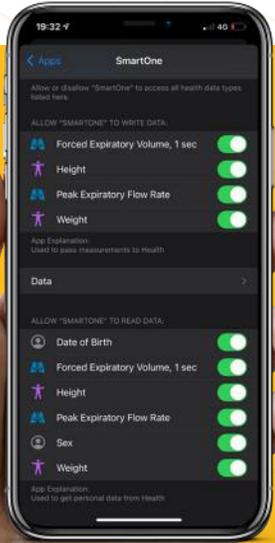
× **No configuration required**

Direct connection with the App.



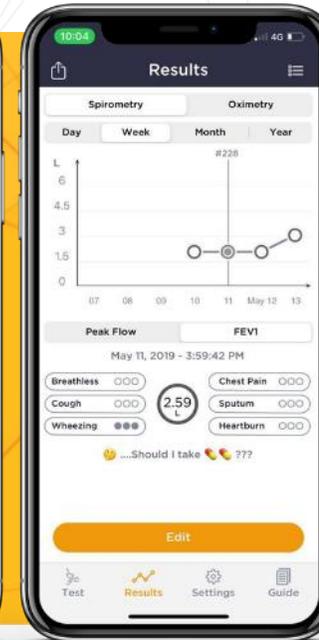
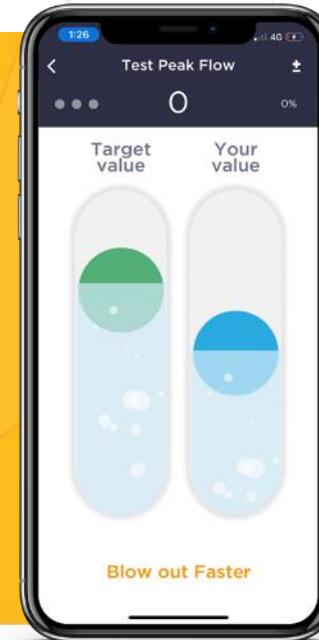
REAL-TIME TEST ON APP, SPIROMETRY : PEF, FEV1

Personal trend with E-diary, symptoms. PDF report: share via eMail, Whatsapp, Cloud and more.



APP-BASED FOR PERSONAL CARE

- Pair and Play
- Covered by Medicare
- Ideal in the self control of Asthma, COPD, Lung Transplant care, Cystic Fibrosis and for use in Clinical Trials.



APPLE HEALTH APP

MIR Smart One App is integrated with Apple "Health" App.
Shared parameters : PEF, FEV1.





PARAMETERS :
Spirometry : PEF, FEV1, FVC, FEV1/FVC, FEF2575, FEV6, VEXT, DTPEF, FEF75, FEF25, FEF50

Oximetry: SpO2 (%), Pulse (BPM)



CONNECT WITH MIR SPIROBANK APP



Professional PDF report
Personal trend with E-diary, symptoms
Live Video Exam: connect with the doctor remotely and in real-time



CONNECT WITH LIVE VIDEO EXAM Software for Doctor use, connecting in real-time



Professional PDF report
Add notes and symptoms
Live Medical Supervision is essential in obtaining optimal test results.

Latest Developments



VALIDATED SOFTWARE PACKAGES TO **DEVELOP A 3rd PARTY SOFTWARE**
AND MEDICAL APP **WITH LIMITED TIME AND EFFORT**



 **SDK**
Windows

 **SDK**
iOS

 **SDK**
android

MIR's SDK features:

- Communication with MIR devices
- Reference values (19 sets of equations)
- Test interpretation (auto-diagnosis, acceptability, QCG, variability, etc.)
- Flow/Volume and Flow/Time curves
- Complete spirometry and oximetry printouts

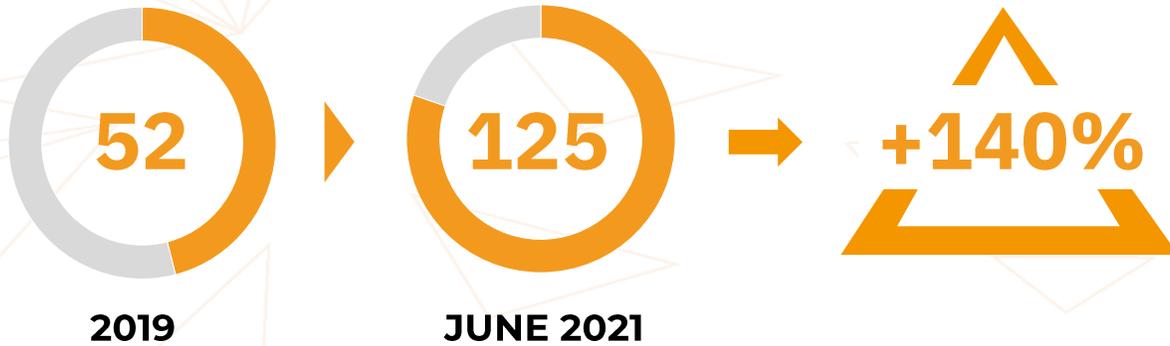
Benefits for vendors include:

- Building a spirometry app without specific / required skills
- Dramatically reduced time-to-market
- Validated SDK
- Tailoring to specific market requirements
- Easy integration – the sample app uses the SDK as if it were the vendor's app

CURRENT INTEGRATIONS OF MIR SPIROMETERS IN 3RD PARTY APPS

Rapidly evolving integrators' base

Number of integrators per year:



COMPATIBLE TURBINES



Single-User
**Reusable
Turbine**

**Disposable
Turbine**
FlowMIR™



MAIN FEATURES



ACCURATE



CLEAN



PORTABLE



**DISPOSABLE
VERSION AVAILABLE**



**SINGLE USER
VERSION AVAILABLE**

NUMBERS DON'T LIE
DISPOSABLE TURBINES SOLD GLOBALLY

19,013,870

SOON AVAILABLE



Cardionica

MIR CARDIOLOGY PLATFORM

MIR & Cardionica brand-new Personal device for Accurate Heart Check and Arrhythmias Detection



- Strong market positioning worldwide in about 100 countries
- Excellent efficiency and high quality manufacturing
- Leadership in personal health product innovation



- Cardionica is a spin-off of the Italian Institute of Health
- Established scientific background in cardiovascular disease
- Firm commitment to research and innovation and Strong expertise in medical device regulatory field

OVERVIEW

Brand-new **portable single-lead EKG** to measure the rhythm and strength of your heart beats.

Easy to use, track your heart health **in one minute**, everywhere you are and with the accuracy of a clinical setting.

Ideal for **normal hearth check** and prevention/management of **atrial fibrillation, bradycardia, tachycardia**.

FIRST OF ITS KIND

The first personal EKG you can use in **stand-alone mode** (embedded display with colored LED indicators and internal memory up-to 60 test).

And **via Bluetooth®** directly from your **Smartphone** (free mobile App always included).





**SMALL &
LIGHTWEIGHT**
Dimensions:
5.7 x 3.7 x 1.5 cm
Weight: 20g

MAIN FEATURES

- ✓ **1 minute** test
- ✓ **Real-Time** Electrocardiogram and immediate detection of possible Arrhythmias

DISTINCTIVE FEATURES

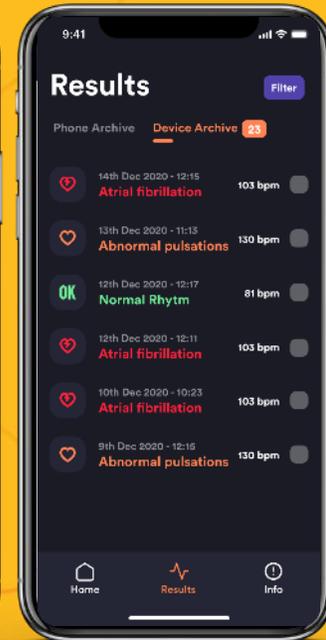
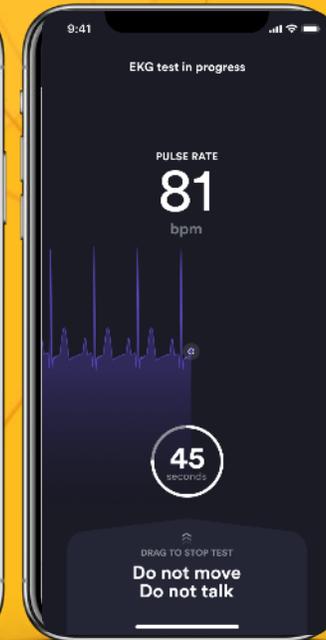
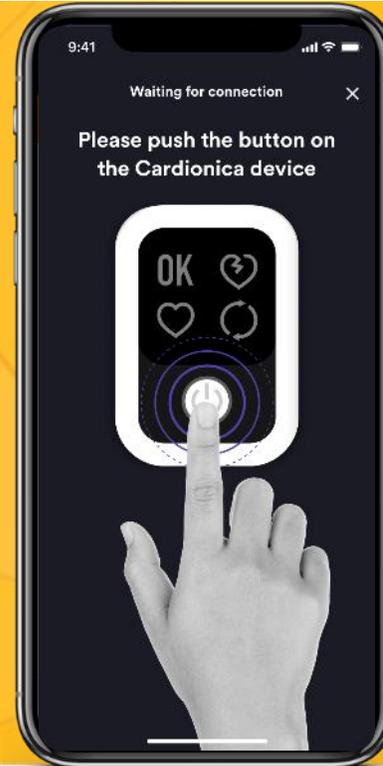
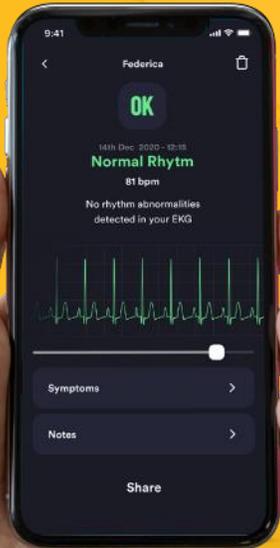
- ✓ Use it in **Stand-Alone** or Connected with your **Smartphone**
- ✓ Electrocardiographic analysis in line with **2020 AF guidelines** (ECG, P-wave, RR irregularity)
- ✓ Accurate in compliance with **International Standard** IEC 60601-2-47
- ✓ **Stand-Alone mode:**
 - Embedded display with coloured LED indicators
 - Start test with one click
 - Personal reusable electrode always included

Mobile App for Personal use
REAL-TIME EKG test on your Smartphone!

**Always Included
For iOS and Android**

Main Features:

- ✓ Automatic pairing via **Bluetooth®**
- ✓ Real-Time Electrocardiogram and **immediate detection** of possible Arrhythmias
- ✓ Save your Electrocardiogram in PDF; **Share PDF report** via email, whatsapp, cloud server, and other Apps
- ✓ And more (visit: cardionica.com)





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