

A solution of unlimited possibilities



Addressing the Big Data Revolution

The way the MESI mTABLET handles information is unique. Objective results from diagnostic measurements, triage, specialist opinions, consultations and any other data are all stored in one place. This combination enables progressive analytics now, and anytime in the future.



Always up-to-date

MESI mTABLET is constantly upgraded with additional diagnostic tools and medical apps. This boosts its functionality and gives users access to the information and tools they need.



Improving information flow between healthcare professionals

Communication between the primary care physician, nurse, and specialist is crucial for the patient's outcome.

With the MESI mTABLET, all the stakeholders access healthcare information in the same format. This prevents misunderstandings in communication, inconsistencies in reporting and therefore reduces time spent on diagnosis and treatment.



Simplifying Diagnostics

All diagnostic measurements. All patient records. One system.

MESI mTABLET



Simplifying Diagnostics

MESI, development of medical devices, Ltd
Leskoškova cesta 11A
1000 Ljubljana, Slovenia

T +386 1 620 34 87
E info@mesimedical.com
www.mesimedical.com

You can also find us on:
LinkedIn / MESI-si
Facebook / MESIdoo
Twitter / MESImedical

No.1 Leading provider of Ankle-Brachial Index measuring technology

Worldwide presence

European production and development

XPRIZE Finalist of Qualcomm Tricorder XPRIZE competition



ISO 9001 Q-1664
ISO 13485 M-049



ISO 9001 and ISO 13485 certified

MESI Ltd. reserves the rights to make changes in specifications and/or to discontinue any product at any time without notice or obligation and will not be liable for any consequences from the use of this publication.

August 2019

Completely new concept of a medical device

MESI mTABLET is designed and produced for healthcare professionals with a modern practice in mind.

Our **certified medical tablet** is a unique healthcare solution, integrating **wireless diagnostic modules**, patient records and medical apps in one system.

All measurements and patient data are automatically stored and synchronized with the **built-in electronic medical record – MESI mRECORDS** that is available on the MESI mTABLET and from any web-enabled device, simply and securely.

Performance and functionality can be enhanced with numerous software and diagnostic tools available in the **medical marketplace – MESI mSTORE**.

ALL IN ONE SYSTEM



WIRELESS
DIAGNOSTICS
MODULES



MESI mTABLET



MESI mRECORDS and
MESI mSTORE



12-Lead ECG

Blood pressure

Ankle-Brachial Index

Pulse oximetry

Toe-Brachial Index

Spirometry

WIRELESS Diagnostic Modules

Wireless and portable hand-held system provides boundless freedom in a modern healthcare facility. **Modular system** allows you to add modules according to your practice's needs. New tools can be added to the system whenever necessary.

CERTIFIED Medical Tablet - MESI mTABLET

Unlike consumer tablets (iPad, Android), MESI mTABLET is **specifically designed for use in medical environments**.

ELECTRONIC Medical Record – MESI mRECORDS

All measurements and patient data are **stored and available in the built-in electronic medical record**.

MESI mRECORDS can be accessed from a web browser or any other smart device and **provides immediate and secure specialist consultation, advanced data analysis**, and other tools.

MEDICAL Marketplace – MESI mSTORE

Similar to applications on our personal devices, the medical apps marketplace brings **professional medical applications** to physician's and nurse's work.

Apps enhance diagnostic possibilities and expand the potential of the primary care examination.

* This image is for demonstration purposes only.

MESI mTABLET ECG

First completely digital Electrocardiogram

- From wireless ECG directly to the **patient record**
- **Sharing results** for immediate second opinion
- Expanding the medical grade tablet with **additional measurements and apps**

DIRECT STORAGE
INTO EHR



SHARE FOR A
SECOND OPINION



ADDITIONAL
MEASUREMENTS AND APPS



WIRELESS &
PORTABLE



Why MESI mTABLET ECG?



Various diagnostic modules wirelessly connected to the tablet



The measurements are started, handled and reviewed on the tablet



All the data is synced with the existing hospital Electronic Health Records (EHR)



Integrated second opinion



NURSE



PRIMARY CARE
PHYSICIAN



SPECIALIST

The “share” function on the **MESI mTABLET** provides all the stakeholders with the access to the healthcare information in the same format. This prevents misunderstandings in communication, inconsistencies in reporting and therefore reduces time spent on the diagnosis and treatment.

Expand it with apps



12-LEAD ECG



STRESS ECG



VECTOR
CARDIOGRAPHY



REAL TIME
OBSERVATION

The **MESI mTABLET** is not only an advanced Electrocardiogram. By adding new smart applications, you can extend the use and make it your real lifetime associate. This makes it a truly new concept of a medical device.

MESI, development of medical devices, Ltd
Leskoškova cesta 11a
1000 Ljubljana, Slovenia, EU

E: info@mesimedical.com
T: +386 1 620 34 87

www.mesimedical.com

f Facebook / MESIldoo

t Twitter / MESImedical

in LinkedIn / MESI

No.1 Leading provider of Ankle-Brachial Index measuring technology



Worldwide presence



European production and development



CE 1304, ISO 9001 and ISO 13485 certified





Simplifying Diagnostics

SHARE FOR A SECOND OPINION

DIRECT STORAGE INTO EHR

MESI mTABLET SPO2

The most flexible Pulse Oximeter

- An intuitive user interface with quickly adjustable operating modes
- Large screen with high visibility of SPO₂ levels
- Motion artefact detection and high performance even in low perfusion.



MONITOR FUNCTION



TONE AND VISUAL ALARMS



WIRELESS & PORTABLE



ADDITIONAL MEASUREMENTS AND APPS

Why MESI mTABLET SPO2?



Various diagnostic modules wirelessly connected to the tablet



The measurements are started, handled and reviewed on the tablet



All the data is synced with the existing hospital Electronic Health Records (EHR)



Integrated second opinion



NURSE



PRIMARY CARE PHYSICIAN



SPECIALIST

The **MESI mTABLET** share function provides everyone involved in the patient recovery process with access to the healthcare information in the same format. This prevents misunderstandings in communication, inconsistencies in reporting and therefore reduces time spent on the diagnosis and treatment.

Expand it with apps



SPO₂



SLEEP STUDY



6-MINUTE WALK TEST



INCREMENTAL SHUTTLE WALKING TEST

The **MESI mTABLET SPO2** is not only an advanced Pulse Oximeter. By adding new smart applications, you can extend the use and make it your real lifetime associate. This makes it a truly new concept of a medical device.

MESI, development of medical devices, Ltd
Leskoškova cesta 11a
1000 Ljubljana, Slovenia, EU

E: info@mesimedical.com
T: +386 1 620 34 87

www.mesimedical.com

f Facebook / MESIdoo

t Twitter / MESImedical

in LinkedIn / MESI

No.1 Leading provider of Ankle-Brachial Index measuring technology

Worldwide presence

European production and development

SIQ
ISO 9001 Q-1664
ISO 13485 M-049

CE 1304, ISO 9001 and ISO 13485 certified





Simplifying Diagnostics

DIRECT STORAGE INTO EHR



MESI mTABLET BP

Revolutionized office Blood Pressure

- First wireless BP cuff supporting 3 cuff sizes
- One BP cuff, multiple operating modes
- Advanced analysis options with pulse waveforms



SMART SIZE DETECTION



WIRELESS & PORTABLE



ADDITIONAL MEASUREMENTS AND APPS

Why MESI mTABLET BP?



Various diagnostic modules wirelessly connected to the tablet



The measurements are started, handled and reviewed on the tablet



All the data is synced with the existing hospital Electronic Health Records (EHR)



Integrated second opinion



NURSE



PRIMARY CARE
PHYSICIAN



SPECIALIST

The **MESI mTABLET** share function provides everyone involved in the patient recovery process with access to the healthcare information in the same format. This prevents misunderstandings in communication, inconsistencies in reporting and therefore reduces time spent on the diagnosis and treatment.

Expand it with apps



BLOOD
PRESSURE



CENTRAL BLOOD
PRESSURE



BP WITH ATRIAL
FIBRILLATION



BLOOD PRESSURE
AVERAGING

The **MESI mTABLET BP** is not only an advanced Blood Pressure monitor. By adding new smart applications, you can extend the use and make it your real lifetime associate. This makes it a truly new concept of a medical device.

MESI, development of
medical devices, Ltd
Leskoškova cesta 11a
1000 Ljubljana, Slovenia, EU

E: info@mesimedical.com
T: +386 1 620 34 87

www.mesimedical.com

f Facebook / MESIldoo

t Twitter / MESImedical

in LinkedIn / MESI

No.1 Leading provider of Ankle-Brachial
Index measuring technology



Worldwide presence



European production and
development



CE 1304, ISO 9001 and
ISO 13485 certified





Simplifying Diagnostics

MESI mTABLET ABI

The smartest wireless Ankle-Brachial Index

- PADsense™ algorithm for detection of severe Peripheral Arterial Disease
- 3CUFF™ technology allowing simultaneous measurement
- Quick and reliable ABI measurement with pulse waveform interpretation

DIRECT STORAGE INTO EHR



SHARE FOR A SECOND OPINION



PADsense™ ALGORITHM

PAD



3CUFF™ TECHNOLOGY

MULTIPLE CUFF SIZES

www.mesimedical.com

Why MESI mTABLET ABI?



Various diagnostic modules wirelessly connected to the tablet



The measurements are started, handled and reviewed on the tablet



All the data is synced with the existing hospital Electronic Health Records (EHR)



Integrated second opinion



NURSE



PRIMARY CARE PHYSICIAN



SPECIALIST

The **MESI mTABLET** share function provides everyone involved in the patient recovery process with access to the healthcare information in the same format. This prevents misunderstandings in communication, inconsistencies in reporting and therefore reduces time spent on the diagnosis and treatment.

Expand it with apps



ABI



PULSE WAVE VELOCITY



CENTRAL BLOOD PRESSURE



STRESS ABI

The **MESI mTABLET ABI** is not only an advanced Ankle-Brachial Index measuring device. By adding smart applications, you can extend the use and make it your real lifetime associate. This makes it a truly new concept of a medical device.