SonoMe

bionet

Wireless Handheld Ultrasound Scanner

Go Wireless, Scan Easy.

All set with SonoMe!

Get ready to scan with SonoMe anywhere, anytime you want

Free from wired workflow

Get SonoMe paired wireless even without the internet to get ready for ultrasound scanning anytime, anywhere

Achieve High Image Quality

Uncompromising image quality with clear edges that users can count on

Clinical Versatility

Choose any of 8 models to optimize your clinical needs to see, find and support diagnosis and treatments

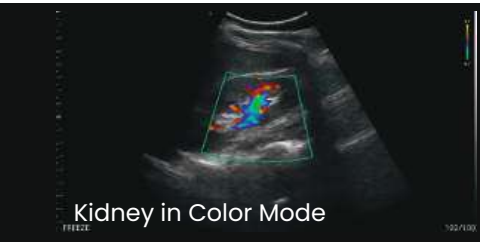
Experience the life-size product!

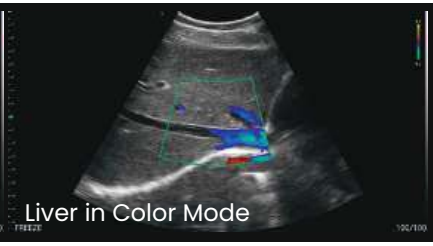
* Only medical professionals should operate the SonoMe wireless ultrasound scanner
* Only an authorized facility or vehicle can apply for and house SonoMe
* Avoid the presence of a flammable anesthetic mixture with air, oxygen or nitrous oxide
* Please contact an authorized sales representative for further information

Devices with ID starting with 'W' connect to the SonoMe app, starting with 'S' connect to the SonoMe Pro app.

Fully loaded system for your versatile clinical needs

Gallbladder in 2D Mode


Kidney in Color Mode

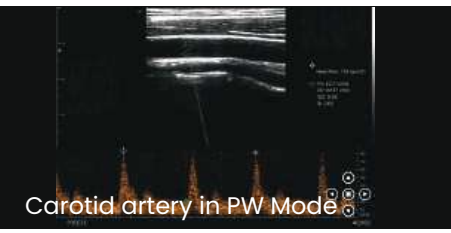

Liver in Color Mode

IVC in B/M Mode

Shoulder in 2D Mode

Carotid artery in Color Mode

Carotid artery in Color Mode


Carotid artery in PW Mode

Fully Loaded System

- B, B/M, Color, PDI, PW modes are integrated in the SonoMe Pro App
- Image optimization, measurements & annotations
- Image storage to JPG, MP4 to paired mobile devices

Pursuing Ultrasound near You

- Download the SonoMe Pro App from the Android or iOS App stores
- No additional cost for application activation, registration, or adding users

Powerful Battery Operation

- From 2.5 hrs up to 5 hrs operation *

* Battery operation was measured by 1 : 2 duty cycle (ON 5 min / OFF 10 min)

SonoMe
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SonoMe Specifications

Model	Transducer	Ele. / Freq. / Mode	Application
	H5C10L Dual Head	192 elements Linear 7.5 - 10 MHz Convex 3.2 - 5 MHz B, B/M, Color, PDI, PW	Abdomen, OB, GYN, Peripheral vessel, Superficial organ
	H5C Curved Array	192 elements 3.2 - 5 MHz B, B/M, Color, PDI, PW	Abdomen, OB, GYN
	H10L Linear Array	192 elements 7.5 - 10 MHz B, B/M, Color, PDI, PW	Peripheral vessel, Superficial organ
	14L Linear Array	128 elements 10 - 14 MHz B, B/M, Color, PDI, PW	Peripheral vessel, Superficial organ
	5C Curved Array	128 elements 3.2 - 5 MHz B, B/M, Color, PDI, PW	Abdomen, OB, GYN
	10L Linear Array	128 elements 7.5 - 10 MHz B, B/M, Color, PDI, PW	Peripheral vessel, Superficial organ
	5CB Curved Array	128 elements 3.2 - 5 MHz B, B/M	Abdomen, OB, GYN
	10LB Linear Array	128 elements 7.5 - 10 MHz B, B/M	Peripheral vessel, Superficial organ

Go Wireless, Scan Easy.

- **Free from wired workflow**
  With a compact & lightweight design
- **Uncompromising image quality**
  Achieve cart-based system image quality
- **All modes in your hands**
  Fully loaded ultrasound scanning modes
- **Covering wide applications**
  Choose from 8 models for wide range of applications
- **Powerful battery operation hour**
  From 2.5 up to 5 hrs

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Please contact the sales representative for further information.

E-Mail info.sales@ebionet.com
Website www.sonome.com www.ebionet.com

* Please scan QR code for detail specifications

2024 Bionet(SonoMe Pro_EN)_R1.2

Pursuing New Standard of ECG

Cardio Q50

12CH Resting ECG

Explore

A New Generation of Healthcare Solution

bionet

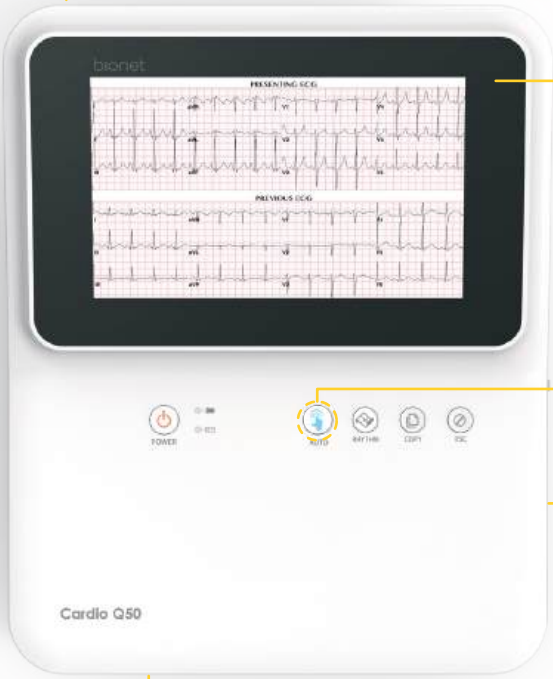
www.ebionet.com

Operator in mind design

Cardio Q50 is designed for optimized workflow for maximizing the effective procedures and accuracy with an alphanumeric keyboard as well as information security measurement applied.

High-capacity built-in memory for data convenience

- 30 min full disclosure
- 500 ECG data



8" wide capacitive touchscreen 1,024 X 600

Color wide display
with clear contrast resolution

Go paperless

Optional thermal printer
Optimized design for paperless &
cost-effective printer option
with A4/Letter sized report format

Optimized AUTO button

AUTO button offers
"Simple Workflow" from
acquisition to
documentation in 3 sec

Maximized built-in battery operation

Rechargeable Li-ion battery supports
10 hrs / 350 ECG data printout capability*
* Battery hour can be varied by temperature & humidity environment.

Barcode scanner

for easy patient registration

More connectivity, more values

Cardio Q50 offers the wide range of connectivity of 3-USB ports for spirometer connection, external memory capacity and LAN port for data transmission with HIPAA compliant security measures applied.

Spirometer (Option)

External USB connection with
various test modes :
COPD, FVC, SVC, MVV

LAN / Wireless LAN Connectivity with HIPAA Compliant transmission

- **Save user profiles & settings**
  Save & retrieve to other devices
- **External USB data storage in**
  PDF, XML, MFER, BMP, JPG, DICOM

For a larger screen

Make a use of convenient
large screen display

Smart “AUTO” workflow

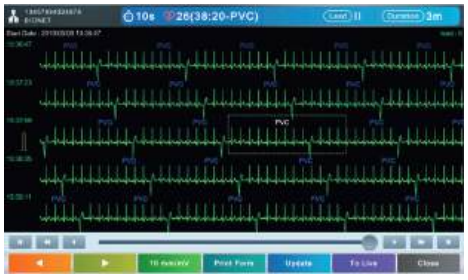
One touch of “AUTO” triggers 5 steps of workflows in 3 seconds.

AUTO ➔ **Acquisition** ➔ **Analysis** ➔ **Documentation**
- ✔ Store
- ✔ Printout
- ✔ Export (Server or USB)

Diagnosis & interpretation

Cardio Q50 offers the advanced & various interpretation & diagnosis modes promptly & accurately, supporting the effective workflow for your better clinical decisions.

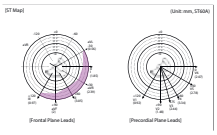
30 min full disclosure
with live data comparison mode
with single screen display



Real-time interpretation
Acquire & interpret ECG data
in real-time without delay
for better informed decisions of arrhthmia
with 120 kinds of diagnosis

Long-term recording up to 30 min
Run up to 30 min ECG acquisition
to see HRV trend with one touch command

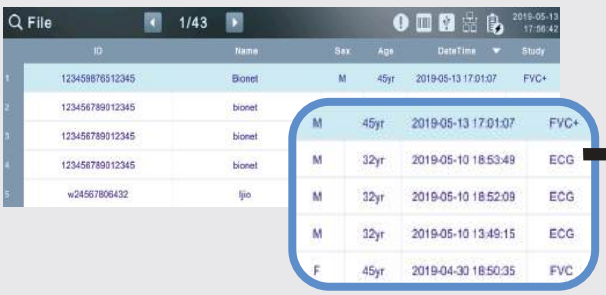
Various report formats for easier patient status understanding and better clinical decisions.

TEXT › VECTOR ›  ST Map Bionet patented » Clinical Decision

Advanced spirometry test mode

Cardio Q50 supports optional spirometry with combined patient data storage of ECG & spirometry test result, boosting the effective workflow for multiple tests at one site.

COPD, FVC, SVC, MVV test mode



Combined patient data of ECG, spirometry per patient for effective data management

Cardio Q50

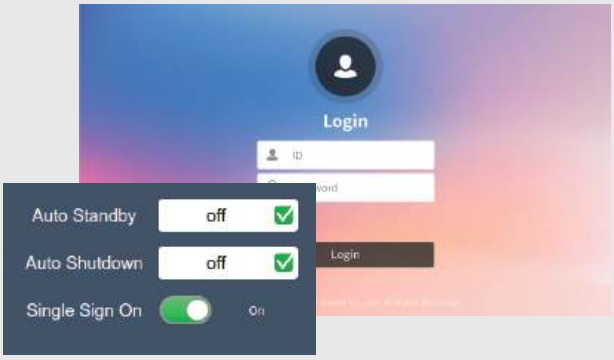
The Glasgow ECG algorithm

The Glasgow ECG interpretation algorithm provides reliable and accurate diagnosis accounting for age, gender and race.
principally featured in :

- AHA / ACCF / HRS recommendations
- Helping in QTc measurements facilitating assessment of cardiac risk
- Highly effective in STEMI interpretation (ST segment Elevation Myocardial Infarction)
- Meets all requirements of IEC 60601-2-25

Bionet's HIPAA* compliant measures

- All data encrypted & protected for cyber security
- Different ID, PW, roles & authentication management per user
- Auto Standby & Shutdown mode ready
- Hide patient name & hospital information
- Event log



* HIPAA : Health Insurance Portability and Accountability Act.

ECG Line-up with new design

ECG Cart

Cardio Q70

Cardio P1 PC ECG

Cardio Q with printer

Cardio Q without printer

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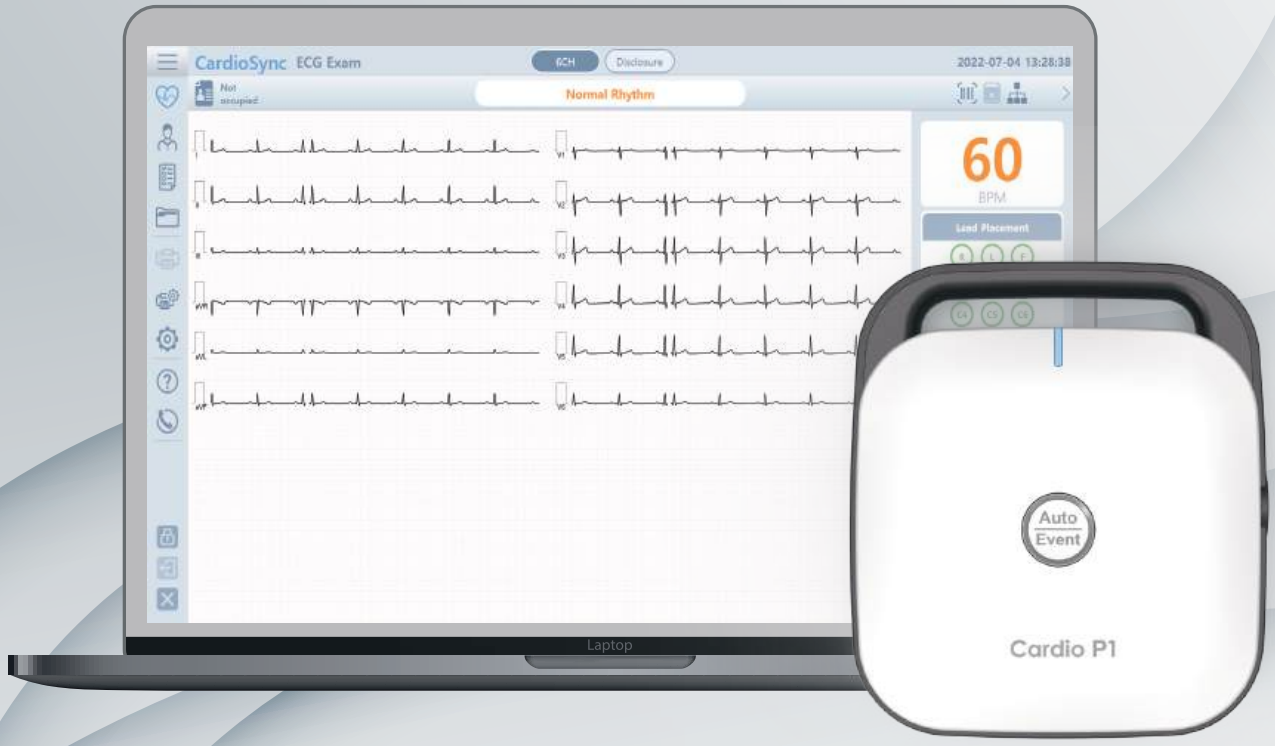
PC-based 12-Lead Resting ECG

Cardio P1



Explore

A New Generation of Healthcare Solution

bionet

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Scan for more detail

Compact & Comprehensive design in mind

One touch operation from acquisition to data management

- Cardio P1 Compact interfaces with your own PC
- CardioSync : PC software program with user-oriented UI / UX
- Auto Key : Supports Simple 3-Step Workflow
- Simplifies 5 workflows in one touch operation
- Lead fault detection & notice

✔ *1:1 Scale image of P1*

AUTO key workflow

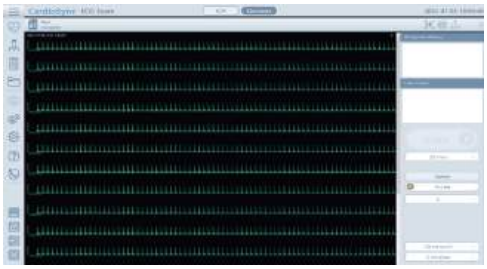
Auto Event
AUTO

➡ **Acquisition** ➡ **Analysis** ➡

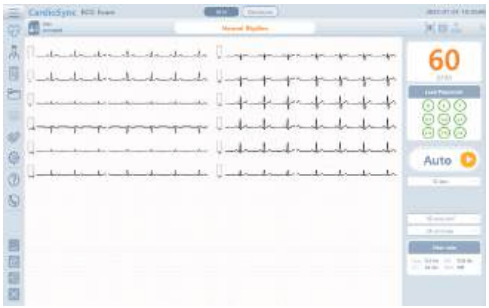
Documentation
- ✔ Store
- ✔ Printout
- ✔ Export (Server or USB)

Compact is Complete Solution

- Preaquisition 10 sec for real-time print-out
- Preview screen before print-out
- Compare / Zoom / RR measurement functions for more detailed review
- Full disclosure for 30 min (Live mode available)
- Long-term ECG recording for 1, 3, 5, 10, 20, 30 min intervals
- Real-time arrhythmia detection (13 types)
- Heart Rate Variability (HRV) analysis
- Diagnostic interpretations (120 diagnoses)
- Custom reports for detailed interpretations and analysis (Text, ST segment and map, Guide, Vector)



30 min full disclosure



Real-time interpretation

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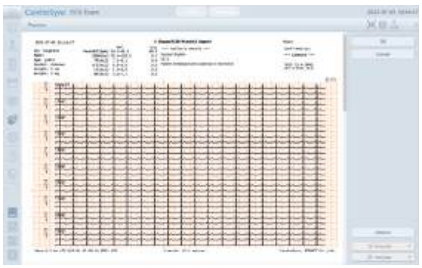
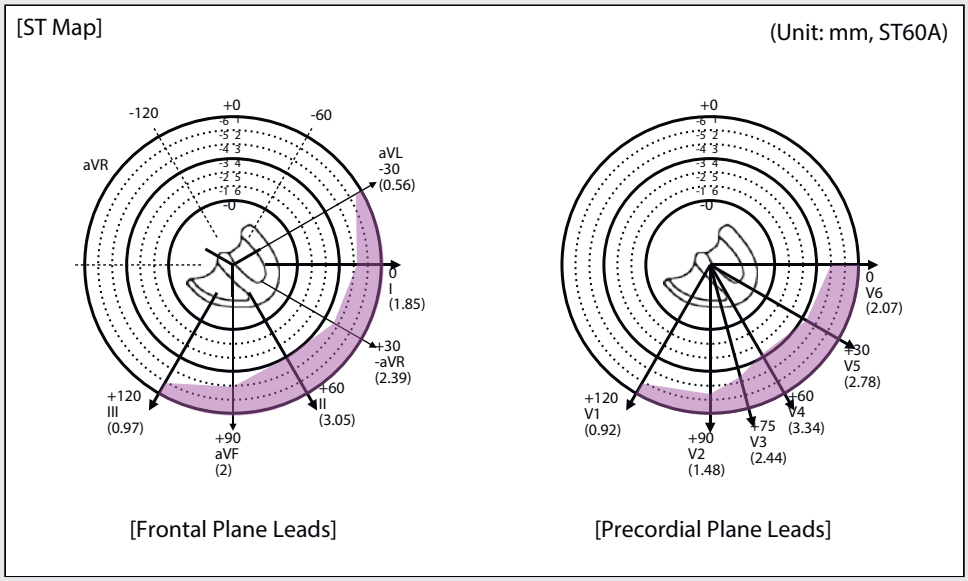


Long-term recording up to 30 min

Run up to 30 min ECG acquisition
to see HRV trend
with one touch command

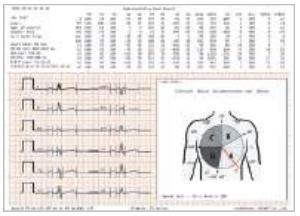
The Bionet patented ST Map



- Visual information of ST segment deviation and spatial orientation.
- Intuitive and easy understanding of each clinical location of subendocardial ischemia and transmural injury.
- More frequent, quick, and accurate monitoring to enhance medical treatment for cases of myocardial ischemia.

Text

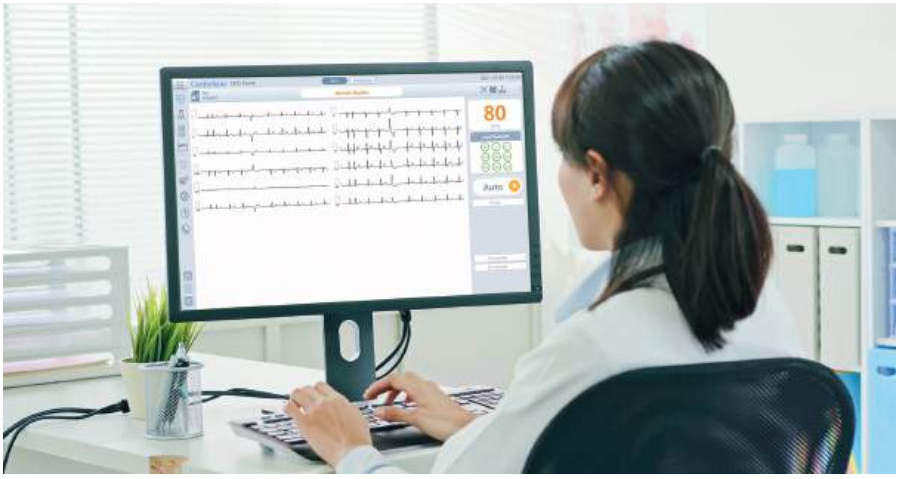
Guide



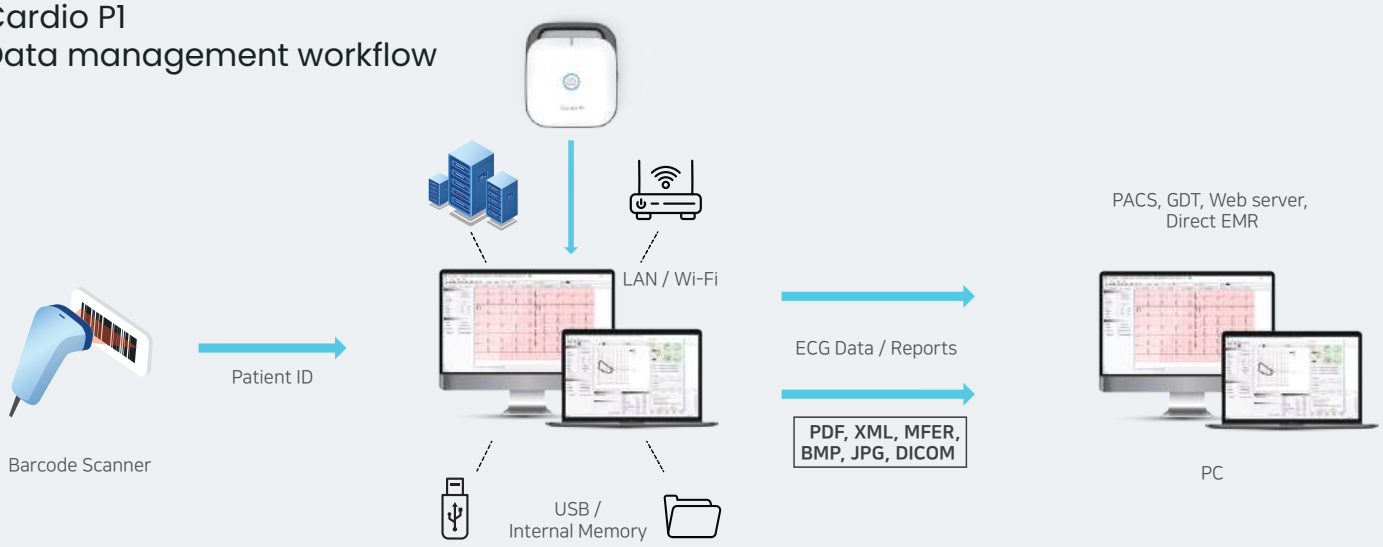
Vector

Compact is Adaptive

- PACS, GDT, Web server, Direct EMR (Direct and bidirectional connectivity)
- Extended data storage (500 cases)
- Various standard file formats : PDF, XML, MFER, BMP, JPG, DICOM
- Flexible connectivity based on your PC specifications



Cardio P1
Data management workflow



Height adjustable Cardio P1 arm holder

PC ECG Cart

Hight adjustable Cardio P1 holder arm

IV Pole hanger

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2022.07-Bionet(CardioP1 Catalogue)-R2

AGE mu CONNECT
READER
Know their risk.

Non-invasive cardiovascular risk assessment

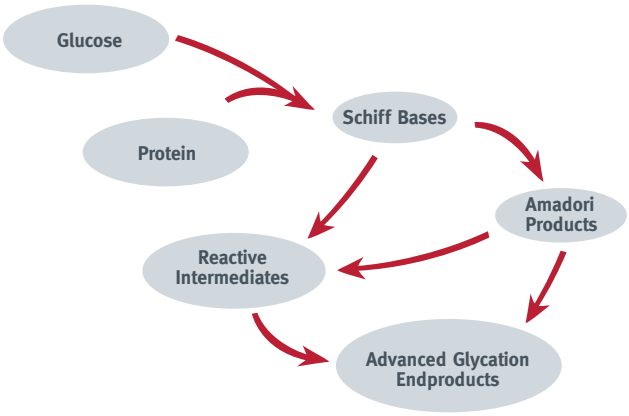
The AGE Reader provides an immediate prediction for the cardiovascular risk of your patient. The non-invasive and extensively validated AGE Reader is and ideal tool for point of care testing. The measurement result is available in 12 seconds and can be exported directly.

A perfect tool for diabetologists and family doctors.

About AGEs

(Advanced Glycation Endproducts)

AGEs are the result of a chain of chemical reactions (the Maillard reaction) after an initial glycation. AGEs normally accumulate slowly over a person's lifetime in tissues with slow turnover. But this process occurs more rapidly in patients with conditions such as diabetes mellitus, renal failure and cardiovascular disease. AGEs also accumulate rapidly under circumstances of oxidative stress. These accumulated AGEs play a key role in the development of diabetes and its complications. The level of AGEs in tissue reflects the glycometabolic memory and is a valuable predictor of cardiovascular events and (pre)diabetes.



AGEs play a key role in the pathogenesis of many age-related diseases, such as diabetes, cardiovascular disease and renal failure.

Measuring AGEs

With any other measurement it has been complicated to measure tissue AGEs in patients because they are expensive, time consuming, lack specificity, are poorly reproducible and/or are invasive. The AGE Reader is the answer to the need for measuring AGEs without the disadvantages of the existing methods. This state of the art device provides a simple non-invasive solution, which allows clinicians to determine the AGE level within 12 seconds.

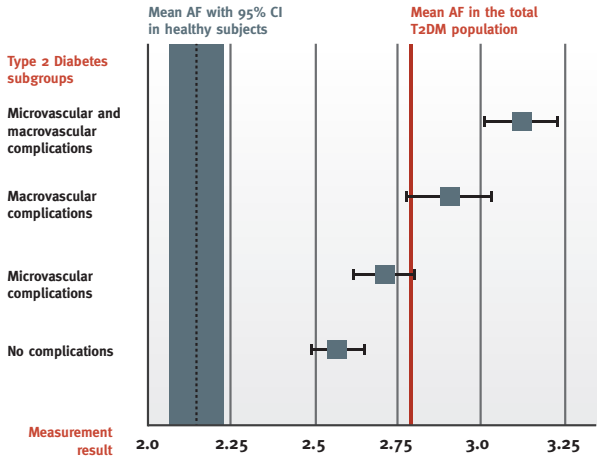
Many advanced glycation endproducts (AGEs) have a characteristic fluorescence. Moreover, tissue fluorescence in (invasive) biopsies has an established association with chronic complications. The AGE Reader is able to easily, quickly and noninvasively measure AGEs by means of fluorescence techniques[1].

AGE Reader

The AGE Reader provides an immediate prediction for cardiovascular risk. The measurement is reliable, real time, non-invasive and easy to use.

Moreover, the AGE Reader has been validated in clinical studies around the world. The AGE Reader has been used in clinical practice and research since 2006 in over 1000 clinics worldwide. Since the introduction of the AGE Reader more than 200 peer reviewed papers have been published. These papers give an overview of clinical studies in diabetes[2], cardiovascular disease[3] and renal disease[4].

Type 2 Diabetes population (n=987)



Clinical validation

Key conclusions of the clinical validation studies using the AGE Reader:

- Reflects vascular damage in the diabetes patients[2].
- Identifies diabetic patients at risk of developing (cardiovascular and microvascular) complications[5,6,7].
- Predicts the risk of having or developing diabetes and the metabolic syndrome[8,9].
- Strong predictor of major cardiovascular events in peripheral artery disease[10].

Clinical use

Clinical professionals have been successfully using the AGE Reader in their clinics for over 10 years. The AGE Reader is the answer to the need to quickly, reliably and non-invasively measure the cardiovascular risk of your patient.

The AGE Reader assists clinical professionals in identifying patients with an increased cardiovascular risk. This helps clinicians to decide whether a change in treatment is needed.

This non-invasive and convenient measurement can be performed by any clinical professional and is completed within 12 seconds.

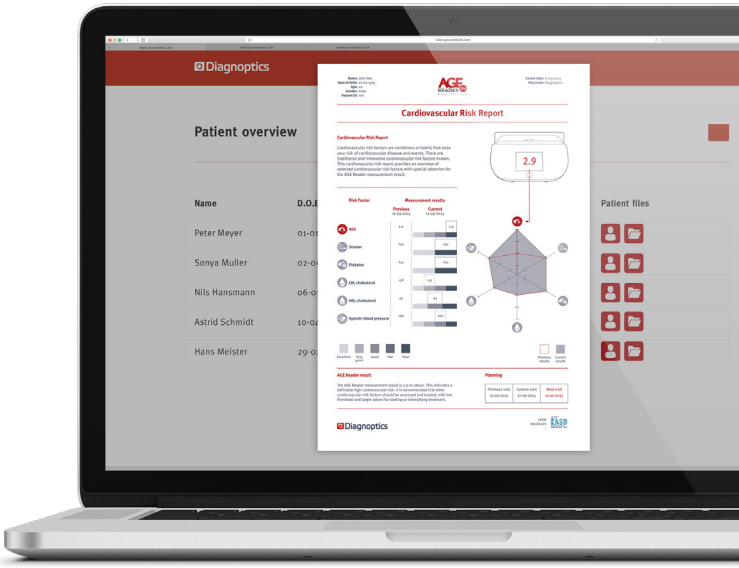
* References can be found on the back

The AGE Reader App

Export the measurement directly to the AGE Reader App using the Bluetooth connection and add other cardiovascular risk factors to generate a comprehensive Cardiovascular Risk Report. For each patient all visits can be documented and consulted in the easy to use App. The Cardiovascular Risk Report can simply be **printed**, **saved** and **shared**.

Download the AGE Reader App free of charge on www.diagnoptics.com. Available for:

Windows OS X



Explain & Motivate patients

The graphical display allows you to combine the AGE Reader result with desired other cardiovascular risk factors and explain the results to patients. A hardcopy of the report can be handed to the patient, which will make it easier to understand the measurement result and the associated cardiovascular risk.

References

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Please visit www.diagnoptics.com/age-reader for a complete overview of all AGE Reader publications.

Diagnoptics

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