PC-based 12-Lead Resting ECG

Cardio P1
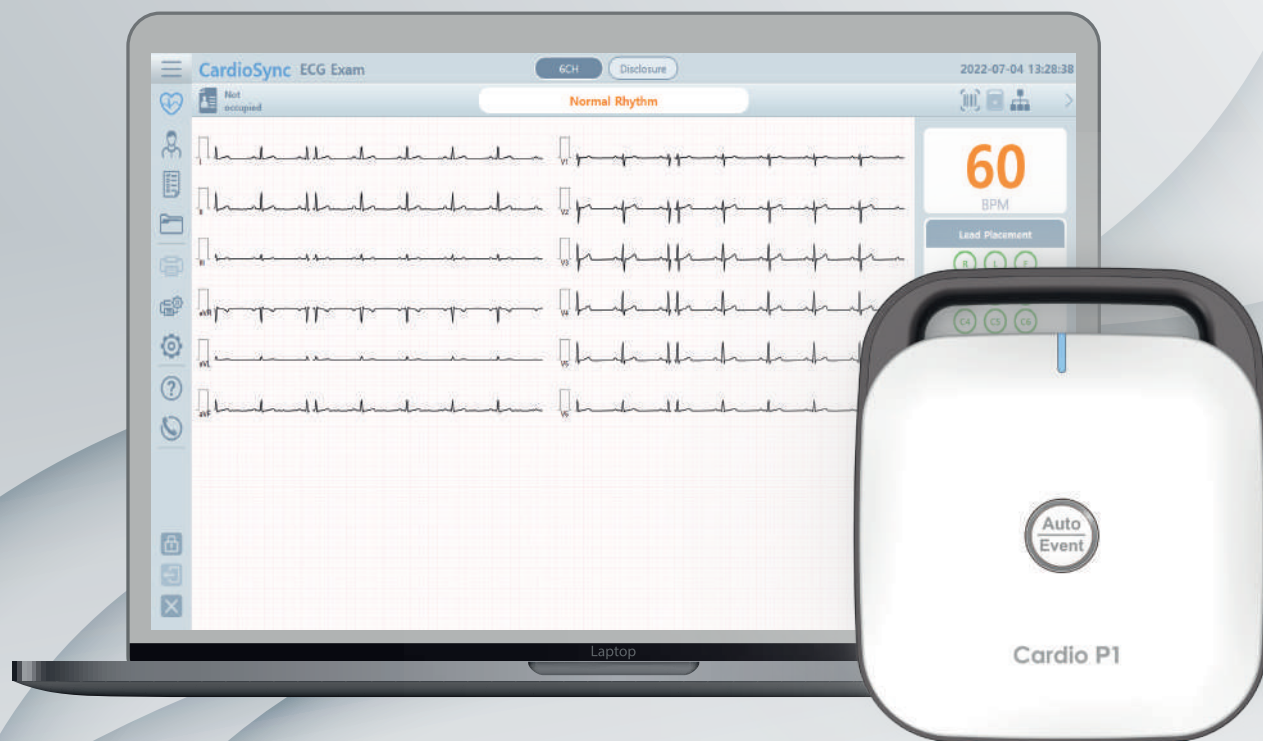
Explore

A New Generation of Healthcare Solution

bionet
www.bionetus.com

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

DC cable & data connector to PC
Power & Data transfer connetion

IV Pole hanger

LED indicator
For power on & standby

Auto/ Event button
- **Short press :** Event marker
- **3 sec press**
  AUTO key from acquisition to data management

Auto Event

Cardio P1

ECG lead connector

✔ *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)
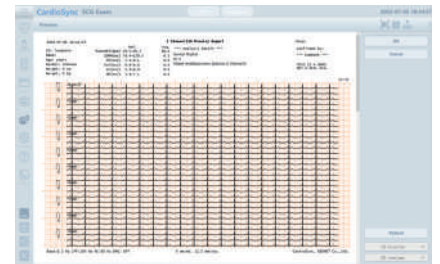- Custom reports for detailed interpretations and analysis (Text, ST segment and map, Guide, Vector)
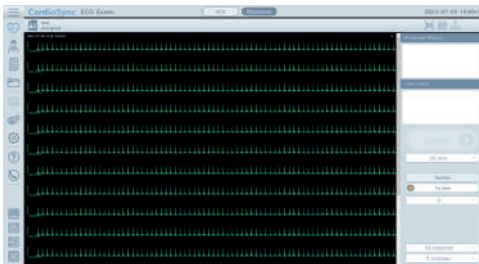
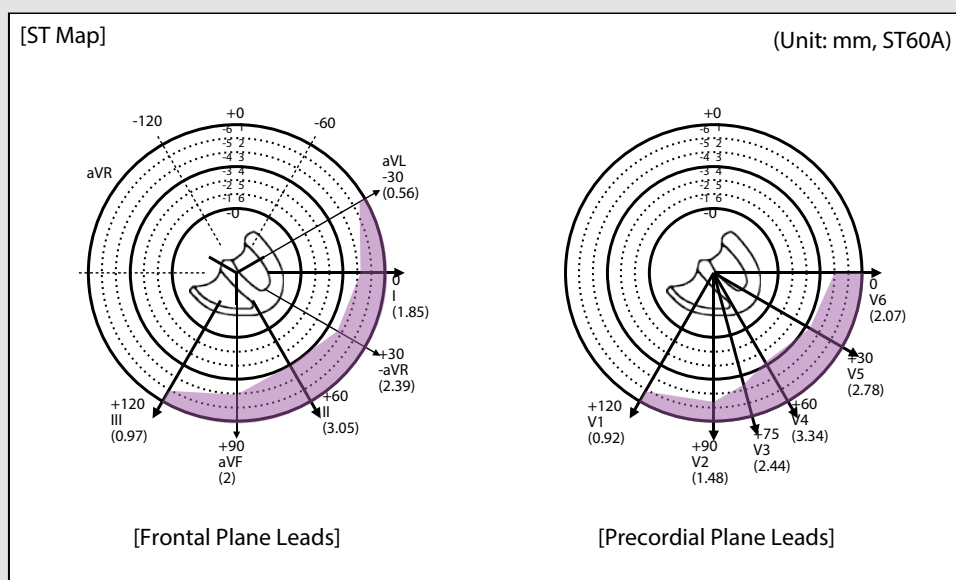**30 min full disclosure**
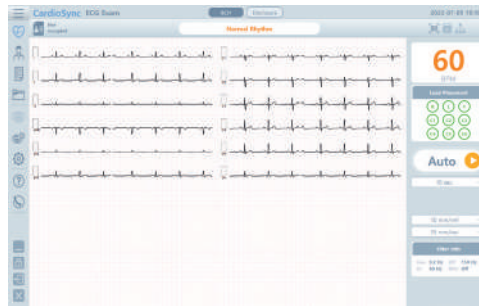
Real-time interpretation
Acquire & interpret ECG data
in real-time without delay
for better informed decisions of
arrhthmia with 120 kinds of diagnosis

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

The Bionet patented ST Map

[ST Map]   (Unit: mm, ST60A)

[Frontal Plane Leads]

- -120
- +0
- -60
- aVR
- aVL -30 (0.56)
- 0 I (1.85)
- +30 -aVR (2.39)
- +120 III (0.97)
- +60 II (3.05)
- +90 aVF (2)

[Precordial Plane Leads]

- +0
- 0 V6 (2.07)
- +30 V5 (2.78)
- +120 V1 (0.92)
- +60 V4 (3.34)
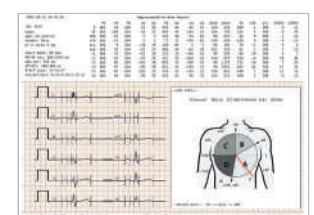- +75 V3 (2.44)
- +90 V2 (1.48)

- 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.
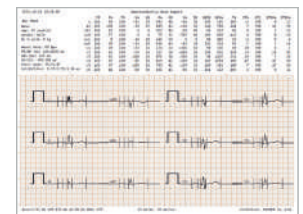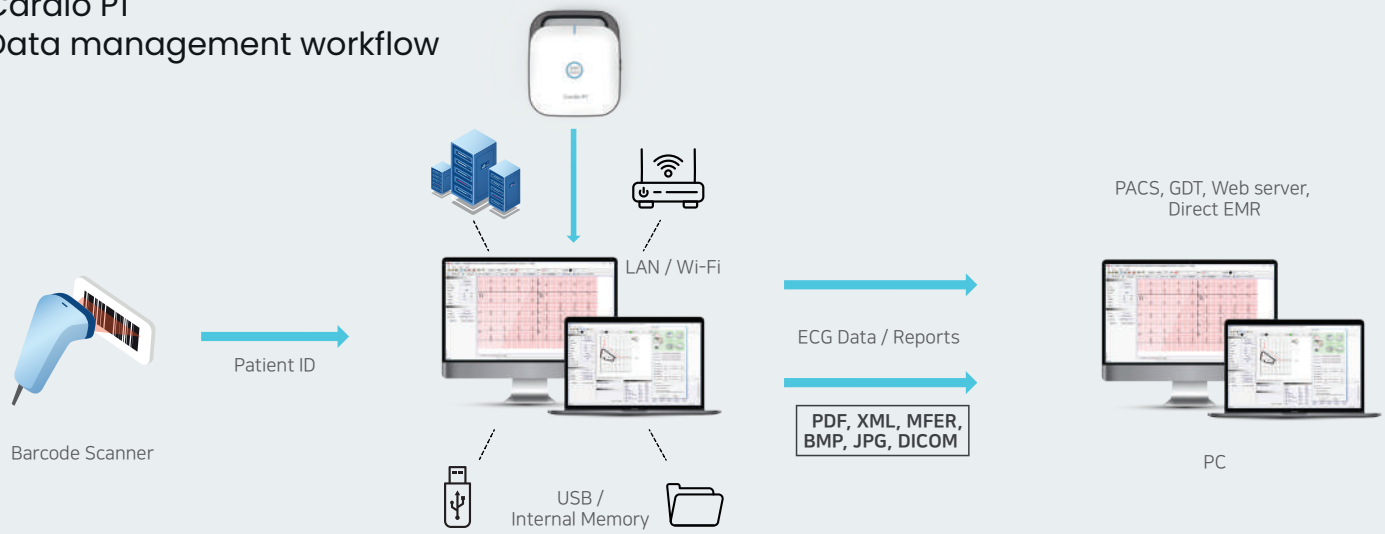
Text
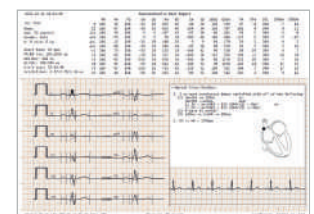
Guide

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

Barcode Scanner → Patient ID

LAN / Wi-Fi

PACS, GDT, Web server, Direct EMR

ECG Data / Reports

PDF, XML, MFER, BMP, JPG, DICOM

PC

USB / Internal Memory

Height adjustable Cardio P1 arm holder

PC ECG Cart

Hight adjustable Cardio P1 holder arm

IV Pole hanger

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