

## Ergonomic Design

Large screen and intimate control panel deliver an extremely professional user experience.

15 inch super sensitive and capacitive touch screen with adjustable Angle



Optional Trolley

Standard configured the Multi-axis TP<sup>®</sup> innovative thermal printer can accurately trace each dot of ECG waveform

Equipped with standard qwerty keyboard and 7 shortcut keys, fully consider your clinical operations

Unique trackball mouse design makes menu selection as easy as PC operation

Handle design provides access to mobile applications

VGA, SD card, RS232 and USB interfaces are accessible. In addition, USB interfaces support USB disk, barcode scanner, mouse, keyboard, printer etc. The VGA interface makes external display anytime for online education or other scenarios

# ZONCARE

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# iMAC 1800 PRO

Professional 12/18-lead  
ECG Machine



# ZONCARE



## Performance



Traditional ECG      iMAC

### Accurate Waveform

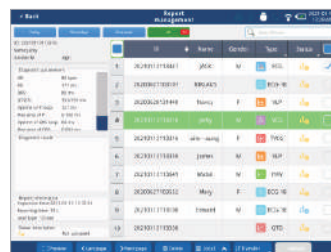
- 12/18-lead synchronous acquisition and display
- Digital sampling rate is up to 32000Hz
- A/D converter reaches 24 bits
- 0.01-350Hz ultra-wide frequency response could acquire signals of patients from pediatric to elder
- Original iFilter™ adaptive filtering technology greatly improves the ECG signal quality

### Glasgow Algorithm

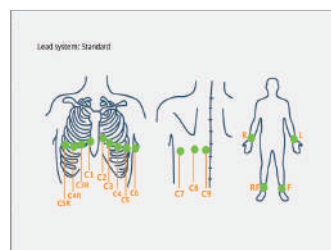
The Glasgow ECG algorithm has more than 40 years history and is considered as one of the top 3 resting ECG interpretive algorithms in the world. It can achieve auto-diagnosis. With its powerful database, the Glasgow Algorithm can provide more accurate diagnosis based on gender, age, race and medication history. In addition, the Glasgow algorithm has been shown to be more sensitive and specific for detecting ST elevation MI than ESC/AAC criteria.



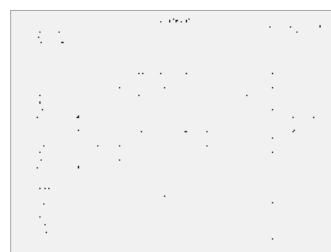
## Function



- ◆ With report preview function, clinicians can ensure signal quality, adjust waveform display, and edit interpretations. In addition, interpretations can be easily chosen in the diagnose template.

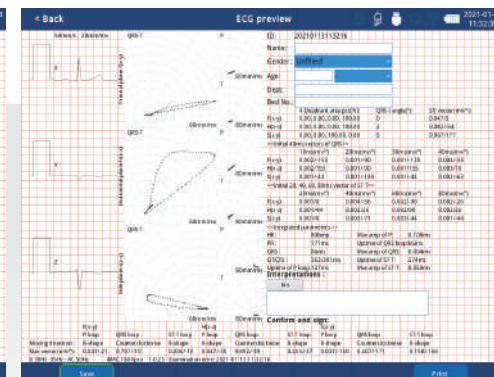
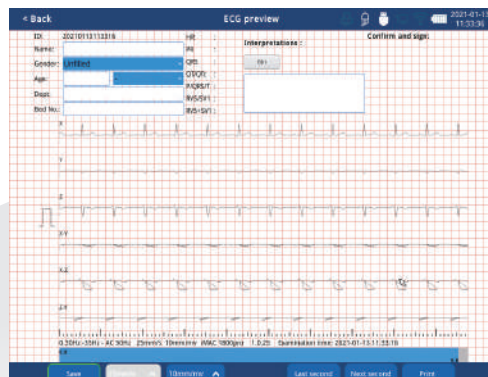


- ◆ 18-lead sampling solution covers a comprehensive examination of right precordial and posterior wall of heart.



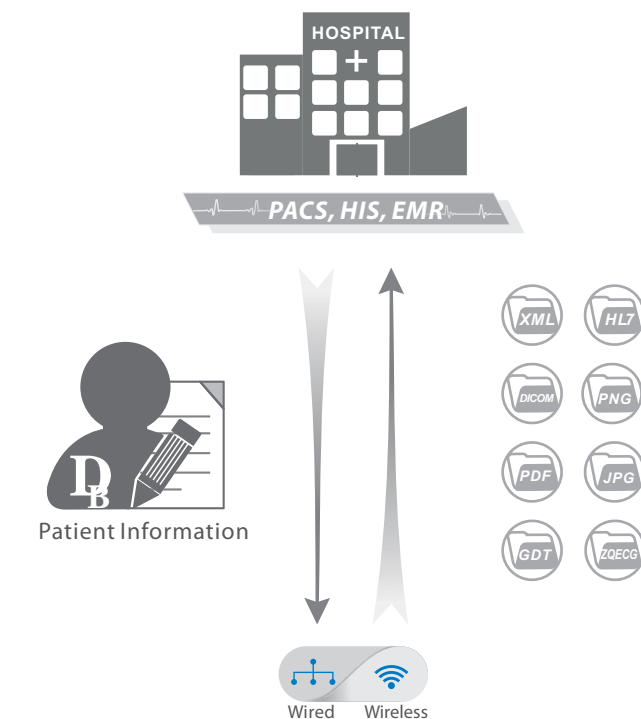
- ◆ Measurement Matrix

- ◆ Support TVCG and VCG functions. The ECG vector is the foundation of ECG waveform. It has significant performance in diagnosing myocardial infarction, bundle branch block and ventricular hypertroph.



## Connectivity

iMAC 1800pro could connect to network by WiFi and wired way. The report could be transmitted in PNG/ DICOM/ XML/ HL7/ PDF/JPG/ GDT/ ZQECG formats to hospital information system through international standard transmission protocol such as DICOM, HTTP, SAMBA directly.



DICOM, HTTP, SAMBA