

# BioSensor & AI | Precision Meets Style



# To Become The World's Leading Architect Of Digital Health Wearables



## VISION

To become the world's leading architect of digital health wearables, making health management seamlessly accessible to all

## MISSION

To safeguard human health through medical level wearable technology

## VALUES

Innovation  
Customer First  
**People-oriented**  
Serving the Whole Society

Youhong Medical is a global leader in digital health wearables and medical device solutions. With the vision of “Leading the Global Smart Medical Wearable Ecosystem, Making Health Management Boundless,” we focus on professional-grade smart wearables and chronic disease detection technologies. Our portfolio includes smart rings, smartwatches, chronic disease monitoring devices, and intelligent rehabilitation equipment, forming an integrated system of BioSensor + data + services.

Driven by strong in-house R&D capabilities and advanced manufacturing, Youhong Medical integrates biosensing, IoT communication, cloud computing, and AI analytics to deliver comprehensive solutions — covering real-time health monitoring, remote data transfer, cloud-based AI insights, and personalized health interventions. Through continuous innovation and trusted quality, our products are used by leading brands and adopted across many countries and regions. We are advancing digital health management to enable early prevention, early detection, and early intervention, working with global partners to shape the future of digital health.

## All-Round Empowerment of Medical-Grade Smart Wearables

- Full-Stack R&D Support
- Medical-Grade Quality Control
- AI Algorithms with Clinical Accuracy
- Customized Intelligent Manufacturing

**20+** Production  
Experience

**125+** R&D  
Engineers

**100+** Countries  
Served

**300+** Product  
Design Patent

**2,000 K+** Monthly  
Production  
Capacity

**20,000+m<sup>2</sup>** Production  
Workshop

# Youhong IoMT Remote Health Ecosystem

## Precision Vital Monitors

Monitoring Vitals all day based on accurate biosensors and patented algorithms

## Remote Health Management

Managing and analyzing health data through cloud dashboard

## Personalized Health Care

Delivering precise health services powered by AI Health Insight

## Seamless Data Connectivity

Utilizing IoT technology for efficient remote data transfer



# Youhong Medical Digital Health Monitoring Platform

AI Health Cloud

Offers Free Applications and SDK Support



Youhong Medical Digital Health Monitoring Platform: An end-to-end integrated solution. Core components include our wearables (smart rings, bands, watches) and chronic disease monitors. It combines medical-grade sensor hardware, user-friendly mobile apps, and a secure, compliant cloud platform to deliver reliable health insights for individual users, organizations, and healthcare providers.

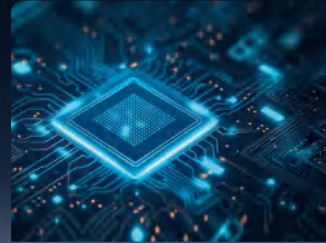
# Team Service



Market Research



Industrial &  
Structural Design



Hardware  
/ Firmware



Patent  
Algorithms



Software & Application  
Development



Medical Device  
Registration



Production &  
Manufacturing



Marketing &  
Sales Support

# Company Qualification

## Enterprise Honor

- China National High-tech Enterprise
- Shenzhen High-tech Enterprise
- Shenzhen Specialized and Special New Technology Enterprise
- Hunan Small Giant Enterprise

## Medical Device Production and Sales License

ISO13485, ISO9001, ISO14001

## Third-party Authority Certification

RBA, BSCI, Sedex, TUV, SGS, BV, etc.



R&D Base (Dongguan)



Smart Wearable Factory (Dongguan)



Medical Products Factory (Hunan)



JCRing

Elegance Meets Accuracy  
**The Ring That Cares**

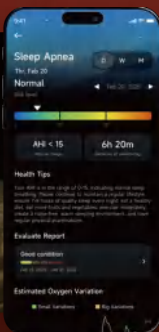
# JCRing Med x3

Clinical-Grade AI SpO2 Smart Ring  
(Triple-A Hospital Validated)



Medical-Grade  
SpO2

Medical-Grade SpO2  
& OSA Monitoring



Medical-Grade  
SpO2



AI Health  
Coach Guidance



Professional  
Sleep Analysis



AI Blood Glucose  
Risk Assessment



24/7 Heart  
Health Metrics



BioAge &  
Recovery Index



Women's Health  
Tracker



Continuous  
Temperature  
Monitoring



SDK &  
Cloud Support

# JCRing Touch X5

Touch Control Meets AI Health Insights  
Seamlessly Interact with Your Devices  
and Monitor Your Well-Being



Touch Control



Video Control



Music Control



Photo Control



AI Blood Glucose Risk Assessment



Personal Health Coach



Biological Age Analysis



24/7 Heart Monitoring



Professional Sleep Analysis



Women's Health Management



Continuous Temperature Monitoring



Auto Data Sync



Wireless Charging & Long Battery Life



Full SDK & Cloud API Support

# JCRing MedTemp x7

The Only Ring That Measures  
What Truly Matters  
Your Core Temperature



Women's Health  
Management  
System



Sleep  
Temperature  
Tracking



Activity  
Temperature  
Tracking



<b>36.58</b> Avg	<b>36.38</b> Min	<b>36.76</b> Max
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Monitor your sleep temp

Normal

Elevated

Overheating



Professional Core  
Body Temperature



Women's Health  
Management System



AI Blood Glucose  
Risk Assessment



24/7 Heart  
Health Metrics



SpO2  
Monitoring



AI Health  
Coach Guidance



BioAge &  
Recovery Index



Seamless App  
Integration

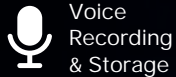
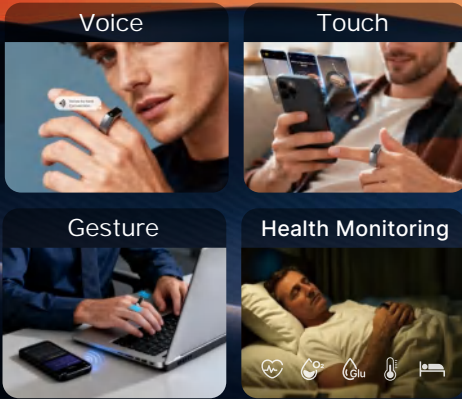


SDK &  
Cloud Support

# JCRing Sense T3

AI-powered Smart Ring  
That Listens Senses, and Responds

Capturing Your Voice, Gestures  
Vibration, Touch in Real Time



Voice  
Recording  
& Storage



Touch  
Control



IMU Gesture  
Control



Vibration  
Reminder



Tri-color  
LED Indicator



IP68  
Waterproof

# JCRing Prismo X11

## Inner Metal Design Smart Ring

Precision Sensing, Continuous  
Protection for Your Health Data



24/7 Heart  
Rate & SpO2



Women's Health  
Management  
System



AI Non-Invasive  
Glucose  
Assessment



AI Personalized  
Health  
Coaching



Mood  
Track



Professional  
Sleep Analysis



Biological  
Age & Recovery  
Index



Seamless App  
Synchronization



SDK & Cloud  
Platform  
Support







Lightweight  
Titanium Alloy

# JCRing ECG X10










## ECG Meets PPG

Enabling Comprehensive  
AI Health Insights



-  Sinus Rhythm
-  High Heart Rate
-  Low Heart Rate
-  AFib



-  Medical-Grade ECG Monitoring
-  24/7 Heart Rate & SpO2
-  Stress Management
-  AI Blood Glucose Risk Assessment
-  Advanced Sleep Tracking
-  Women's Health Management
-  VO2 Max & Activity Tracking
-  AI Health Coach Guidance
-  Family Health Data Sharing

# JCRing ProLite X9

Extreme-Thin, Extreme-Lightweight  
Precisely Guarding Your Health



24/7 Heart  
Rate & SpO<sub>2</sub>



Women's Health  
Management  
System



AI Non-invasive  
Glucose  
Assessment



AI Personalized  
Health  
Coaching



Mood  
Track



Professional  
Sleep Analysis



Biological  
Age & Recovery  
Index



Seamless App  
Synchronization



SDK & Cloud  
Platform  
Support



Lightweight  
Titanium Alloy

# JCRing Air X6

Ultra-Thin, Unnoticeable, Precision  
Temperature Monitoring, Protecting  
Women's Health Every Day



Ultra-thin  
lightweight design  
Thickness  
≈2.2mm



Professional  
Body Temperature



Women's Health  
Management System



AI Blood Glucose  
Risk Assessment



24/7 Heart  
Health Metrics



Advanced  
Sleep Tracking



AI Health  
Coach Guidance



BioAge &  
Recovery Index



Seamless App  
Integration



SDK &  
Cloud Support

# JCRing Pro X2

Innovative Modular Design,  
Global Patents Comprehensive  
Health Guardian



Innovative Modular Design  
Global Patent Protection



Multi-functional Charging  
Base (with Power Bank)



SpO2  
Monitoring



Professional  
Sleep Analysis



AI Non-invasive  
Glucose  
Assessment



AI Personalized  
Health Coaching



24/7 Heart  
Health  
Monitoring



Professional  
Body Temperature



Biological  
Age & Recovery  
Index



Seamless App  
Synchronization



SDK & Cloud  
Platform  
Support



Ultra-Long  
Battery & Wireless  
Charging

# JCRing Muse J1/J2

Modular Design for Easy DIY Customization  
Expert in Women's Wellness & Temperature



Interchangeable Shells  
for Personalized Styling



Modular Design for Easy  
DIY Customization



Ultra-thin  
Lightweight Design  
(2.1mm Thickness)



Women's  
Health Cycle  
Management



Professional  
Body Temperature



AI Non-invasive  
Glucose  
Assessment



AI Personalized  
Health Coaching



24/7 Heart  
Health Metrics



Professional  
Sleep Analysis



Biological  
Age & Recovery  
Index



Seamless App  
Synchronization



SDK & Cloud  
Platform  
Support

# JCRing Care 2301

24/7 Health Monitoring  
AI Precision Care



SpO2  
Monitoring



Professional  
Body Temperature



AI Non-invasive  
Glucose  
Assessment



AI Personalized  
Health  
Coaching



24/7 Heart  
Health  
Monitoring



Professional  
Sleep Analysis



Women's Health  
Management  
System



Biological  
Age & Recovery  
Index



Seamless App  
Synchronization



SDK & Cloud  
Platform  
Support



**JCVital**

Style Meets Science

Continuous Care Worn Elegantly

# JCVital Pro v8

ECG Combined with Always-On PPG  
Continuously Powering  
Comprehensive AI Health Insights



15 Days Battery Life Always on  
Continuous Heart Rate Monitor



Sinus  
Rhythm



High  
Heart Rate



Low  
Heart Rate



AFib



Medical-Grade  
ECG Monitoring



Multi-sport  
Mode & Metabolism  
Management



Stress & Mood  
Tracking



AI Non-invasive  
Glucose  
Assessment



AI Personalized  
Health Coaching



24/7 Heart  
Health  
Metrics



Professional  
Sleep Analysis



Biological  
Age & Recovery  
Index



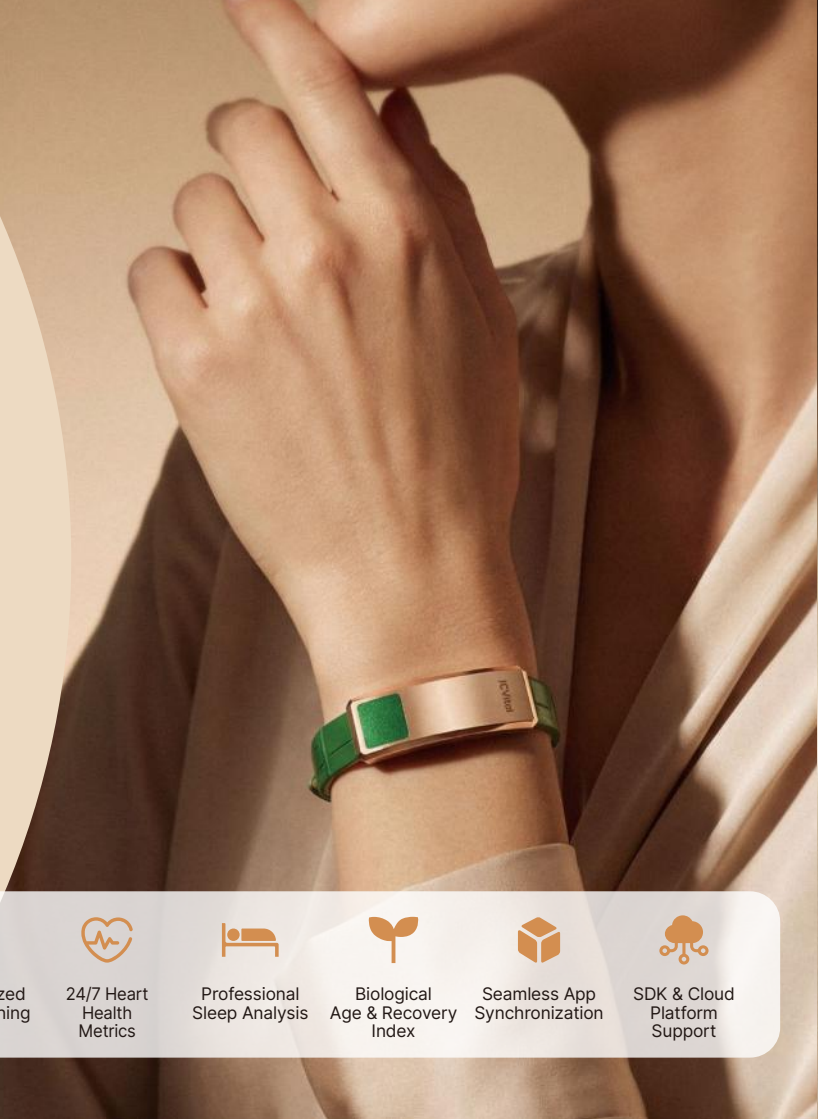
Seamless App  
Synchronization



SDK & Cloud  
Platform  
Support

# JCVital Aura V10

Ultra-Thin Mini Body, Luxury Design  
Invisible Health Protection



Ultra-Compact  
and Slim Design  
Width≈12mm



Multi-sport  
Mode & Metabolism  
Management



Stress & Mood  
Tracking



AI Non-invasive  
Glucose  
Assessment



AI Personalized  
Health Coaching



24/7 Heart  
Health  
Metrics



Professional  
Sleep Analysis



Biological  
Age & Recovery  
Index



Seamless App  
Synchronization



SDK & Cloud  
Platform  
Support

# JCVital Active v4

Vibrant Colors

Active AI Health On-the-Go

Equipped With Maxim Medical-Grade Sensors  
For Significantly Improved Accuracy



SpO2  
Monitoring



Professional  
Body Temperature



AI Non-invasive  
Glucose  
Assessment



AI Personalized  
Health  
Coaching



24/7 Heart  
Health  
Monitoring



Professional  
Sleep Analysis



Women's Health  
Management  
System



Biological  
Age & Recovery  
Index



Seamless App  
Synchronization



SDK & Cloud  
Platform  
Support

# JCVital Neuro V11

Medical-Grade Neuromodulation  
Full-Spectrum AI Health Band



**WORLD FIRST**



Pain Relief



Energy Refresh



Nausea Relief



Sleep Calm



SpO2 Monitoring



24/7 Heart Health Monitoring



AI Non-invasive Glucose Assessment



AI Personalized Health Coaching



Professional Body Temperature



Professional Sleep Analysis



Stress & Mood Tracking



Biological Age & Recovery Index



Seamless App Synchronization



SDK & Cloud Platform Support

# JCVital Luxe V5

Where Luxe Meets Professional Health Monitoring & AI Companishp



Super Minimalist Design Stylish & Vibrant Bands Available



Multi-sport Mode & Metabolism Management



Stress & Mood Tracking



AI Non-invasive Glucose Assessment



AI Personalized Health Coaching



24/7 Heart Health Metrics



Professional Sleep Analysis



Biological Age & Recovery Index



Seamless App Synchronization



SDK & Cloud Platform Support

# JCVital Essential v1

Essential Features for Smart Health  
Minimalist Design With Vibrant  
Bands For Various Occasions



SpO2  
Monitoring



Professional  
Body Temperature



AI Non-invasive  
Glucose  
Assessment



AI Personalized  
Health  
Coaching



24/7 Heart  
Health  
Monitoring



Professional  
Sleep Analysis



Women's Health  
Management  
System



Biological  
Age & Recovery  
Index



Seamless App  
Synchronization



SDK & Cloud  
Platform  
Support

# JCVital Element V1S

Pure Essential Health Tech in Its  
Elemental Form. One Smart Core,  
Endless Vibrant Styles for Every  
Occasion



SpO2  
Monitoring



Professional  
Body Temperature



AI Non-invasive  
Glucose  
Assessment



AI Personalized  
Health  
Coaching



24/7 Heart  
Health  
Monitoring



Professional  
Sleep Analysis



Women's Health  
Management  
System



Biological  
Age & Recovery  
Index



Seamless App  
Synchronization



SDK & Cloud  
Platform  
Support

# JCVital Thermo V7

## One-Tap Pairing

Advanced Medical-Grade  
Heart Rate & SpO2 Tracking



NFC  
Quickly Pair



Professional  
Body Temperature



AI Non-invasive  
Glucose  
Assessment



AI Personalized  
Health  
Coaching



24/7 Heart  
Health  
Monitoring



Professional  
Sleep Analysis



Women's Health  
Management  
System



Biological  
Age & Recovery  
Index



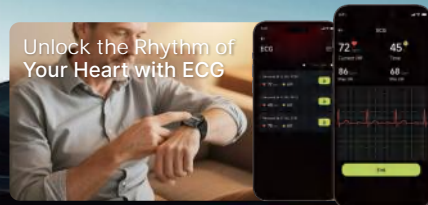
Seamless App  
Synchronization



SDK & Cloud  
Platform  
Support

# JCVital Senior V6G

Designed for Seniors, Real-Time  
Monitoring Cloud Connectivity  
Safeguarding Elderly Health



ECG Monitoring  
& Recording



Blood Pressure  
Trend Tracking



GPS &  
GEO-Fencing



4G LTE (NB-IoT  
& CAT-M)  
Enabled



Multi-sport  
Mode & Metabolism  
Management



24/7 Heart  
Rate & SpO2



AI Personalized  
Health  
Coaching



Biological  
Age & Recovery  
Index



Seamless App  
Synchronization



SDK & Cloud  
Platform  
Support

# A Wide Collection of Straps With Stylish Designs

## Customization Supported

### Woven Straps



JCVital Pro v8



JCVital Active v4

### Soft Rubber Straps



JCVital Active v4



JCVital Luxe v5

### Metallic/Leather Straps



JCVital Aura v10

# JCVital MediCore 2508P

MediGuard 4G Smart Watch — Dual-Mode Bluetooth & 4G Transmission for Real-Time Remote Health Monitoring



- Bluetooth + 4G dual-mode transmission supporting real-time data synchronization and remote monitoring
- 24/7 automatic monitoring of heart rate, blood oxygen, stress, body temperature, and sleep quality
- Real-time transmission of health data (blood glucose, blood pressure, uric acid, blood lipids) from medical devices to the cloud
- Comprehensive tracking of steps, calories, and distance with support for multiple sports modes

# Healthcare Smart Watch 24/7 Vital Tracking



J2025F  
1.57" TFT

J2113F  
1.65" Amoled

J2051F  
1.39" Amoled

J2203  
1.80" Amoled

J2166  
1.78" Amoled

J2162  
1.69" TFT

- Non-invasive Blood Glucose Monitoring: Powered by the latest algorithm for accurate tracking
- Display Options: Choose between TFT & AMOLED screens for vibrant visuals
- Long Battery Life: Up to 2 weeks of continuous use
- 24/7 Health Monitoring: Track heart rate, blood oxygen, and sleep round the clock
- Comprehensive activity tracking: step, distance, calorie calculation, and multiple sports modes



Chronic Disease Detection  
In Vitro Diagnostics

# Comprehensive Health Protection

Authorized by Medical  
Device Regulatory Authority

Approval No. 20232220961

## 8-in-1 Multi-Function Analyzer

Blood Pressure (BP) | Heart Rate (HR)  
Blood Glucose (GLU) | Uric Acid (UA)  
Cholesterol (Chol.) | Triglycerides (TG)  
High-Density Lipoprotein (HDL)  
Low-Density Lipoprotein (LDL)



MFA-1-4G

Approval No. 20232220962

## 4-in-1 Blood Glucose Uric Acid and Blood Pressure Monitor

Blood Pressure (BP) | Heart Rate (HR)  
Blood Glucose (GLU) | Uric Acid (UA)



PUG-1-4G

Approval No. 20242221052

## 4G Transmission, Touch Color Screen, Multi-Function Testing Device

Body Temperature (BT)  
Blood Pressure (BP)  
Electrocardiogram (ECG)  
Blood Glucose (GLU)  
Uric Acid Measurement (UA)



## GMP Class 100,000 Sterile Purification Workshop

Test Strips  
Blood Glucose (GLU)  
Uric Acid (UA)  
Electrochemical / Dry Chemical Sensor



# Youhong Health Family Mini Program



## An Integrated Health Solution

- Precise Chronic Disease Detection
- Seamless 4G Real-Time Data Cloud Upload
- AI Health Analysis and Management
- Device + Data + Management

Youhong Health



# JCRingPro & JCVitalPro Unique Features



## Sleep Apnea Monitor & OSA Risk

Real-time monitoring of sleep apnea risk, blood oxygen and heart rate changes, generating personalized suggestions based on data from three consecutive nights, and intuitive reports to help you improve sleep quality

### Estimated Oxygen Variation

■ Small Variations

■ Big Variations



22:00

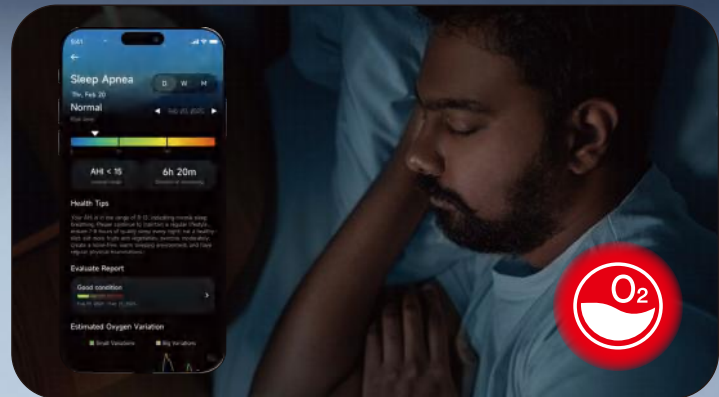
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04:20

Maximum Variations Time

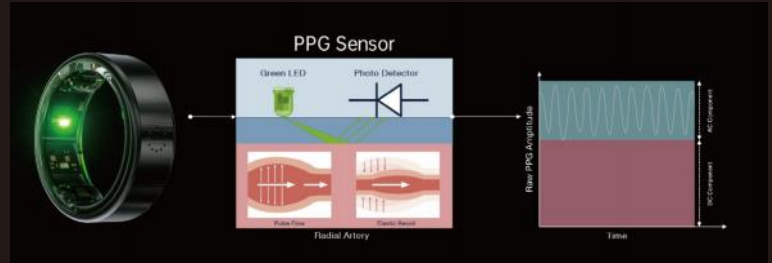
01:40

Minimum Variations Time





## Non-invasive Diabetic Risk Evaluation & Monitoring



Non-Invasive Blood Glucose Evaluation and Monitoring (BGEM™) AI based algorithm to create next generation preventive health solutions

## JCRing Core Temperature Intelligence™

Understand your body. From the inside continuous core body temperature trend tracking personalized baseline, built just for you subtle changes reveal meaningful insights.



Women's Health Management System



Sleep Temperature Tracking



Activity Temperature Tracking



# BioAge & Recovery Index

Relying on multi-dimensional health data, combined with statistical models or scientific formulas, an individual's health level and aging degree are comprehensively evaluated through the offset values of various indicators

Age Gap: **-0.7**

Aging Speed: **1.1x**

**4**

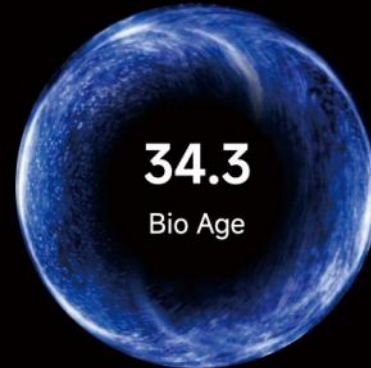
Youth Indicators

**3**

Attention Indicators

**1**

Aging Indicators



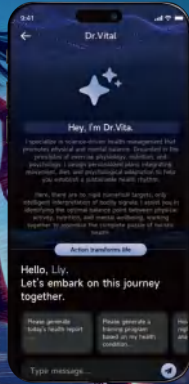
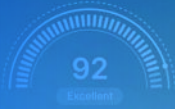
# Mindfulness & Mood Track

Monitor your mood swings, stress and fatigue levels throughout the day, generate an emotional health report, and safeguard your good mood every moment



# AI Coach

Supports AI conversational interaction, real-time monitoring of health data, and uses cutting-edge algorithms to assess your health and tailor an exercise plan for you



# ECG Insight

Pay attention to changes in heart rhythm understand your own heart condition



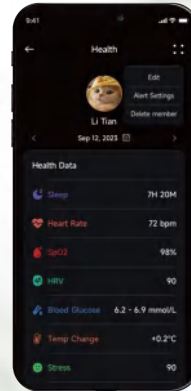
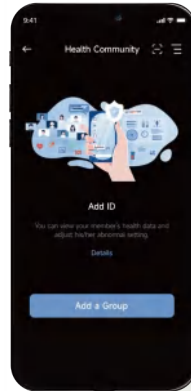
# AI Health Insight

Provides advanced AI health insights, with monthly and weekly comparison reports to help you track and understand your health trends



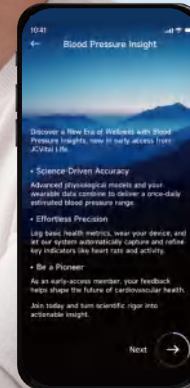
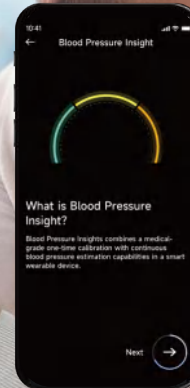
# Member Health

Empower Your Care with JCRing Health Community for Enhanced Support and Monitoring of Your Loved Ones



# Blood Pressure Insight

Combining medical-grade one-time calibration with continuous blood pressure estimation for smart wearable devices



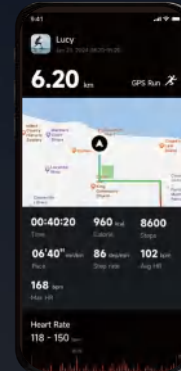
# VO2 Max Measuring

Professional VO2 Max algorithm to learn more of cardio-respiratory fitness level and fitness age



# Exercise Recovery

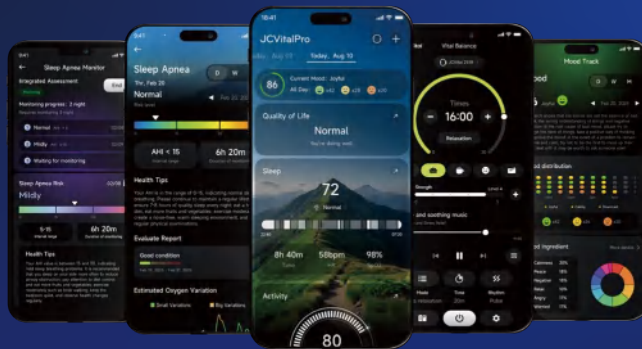
Supports 40+ Sports



# Strain & Recovery

Strain is a comprehensive metric of physical exertion, based on heart rate load, cumulative time in zones, and recovery status.

Recovery assesses the body's overall recuperation level through key sleep physiological metrics such as HRV and resting heart rate.



JCRingPro



JCVitalPro



For iOS OS 10.0 or Above



For Android OS 5.0 or Above

*Multi-language Support.* Real-time track and recording of users' health and sports data. Including Non-invasive Blood Glucose, Heart Rate, Blood Oxygen, Sleep, HRV, Steps, Body Temp., etc.



### Mood Distribution



mmol/L (平均)



jointcorp



Youhong Medical



linkedin




JCRingPro




JCVitalPro



Joint Chinese Ltd  
Shenzhen Youhong Technology Co., Ltd  
Guangdong Youhong Medical Technology Co.,Ltd

 [www.jointcorp.com](http://www.jointcorp.com)  
[www.jcring.tech](http://www.jcring.tech)

 Email: [info@jointcorp.com](mailto:info@jointcorp.com)  
Mobile: 86-18680390477