Binah.ai
the #1 Health and Wellness
Check Software

binah.ai   Home   Measurement   Trends   Logs   Information   Binah.ai

59

A low Heart Rate is common for

Feb 2, 2022 | 10:30 AM |

7/10
Medium

Wellness Score
The measured indicators are not intended for medical use.

Vital Signs   Blood   Mental   Energy   Heart Rate Variability

My Vital Signs

Heart Rate **74** bpm	**Your Heart Rate is Normal** The number of your heart beats per minute. Normal resting rate is 60 to 100 beats. Learn more	
Breathing Rate **120** bpm	**Your Breathing Rate is Low** The number of breaths you take per minute. Normal resting rate is 12 to 20 breathes. Learn more	
PRQ **7**	**Your PRQ is High** Pulse-Respiration Quotient captures the states of cardiorespiratory activity. Normal range is 4 to 5. Learn more	

My Blood - Medium

Oxygen Saturation **74**	**Your Oxygen Saturation is Normal** Pulse-Respiration Quotient captures the states of cardiorespiratory activity. Normal range is 4 to 5. Learn more	

Click Here For Your Abnormal Results

binah.ai
Stop

66 bpm

Stay still during the measurement.

45%

11:39   **Binah Connect**

Status: **CONNECTED**
Device Id: B32A45234F
Battery Level : 75%

Server connectivity status

Connected

Last check: 12-Jan-2023 19:32 UTC

CHECK

Introducing: Continuous Checks!

Powered by **Polar**

Making Health Data More Accessible
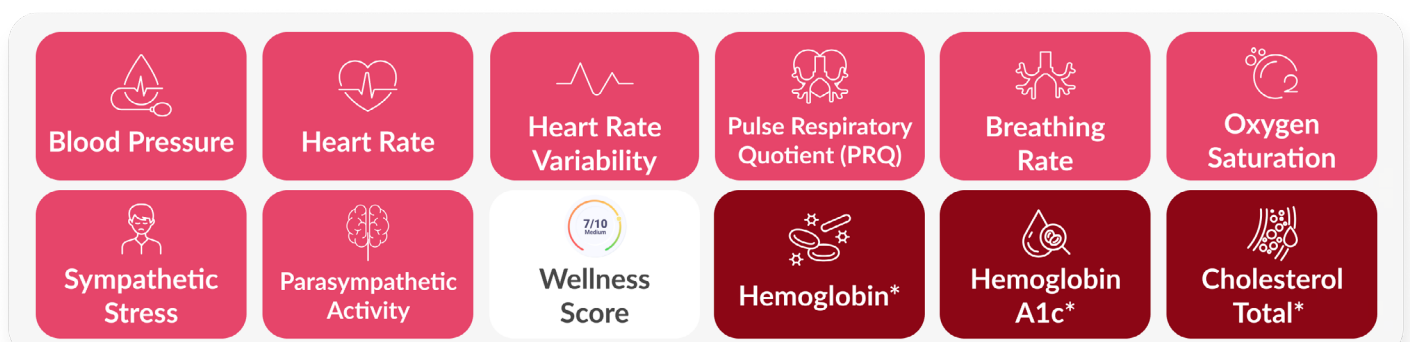# for Better Services at Lower Costs

Addressing the Global Health Crisis with Health and Wellness Monitoring

Every year, noncommunicable diseases (NCDs) kill 41 million people, equivalent to a staggering 74% of all deaths globally. Many of these diseases, including cardiovascular disease, the most deadly NCD, responsible for 17.9 million deaths annually, could be prevented and controlled. Two major factors driving the prevalence of NCDs include unhealthy lifestyles and the global trend of population aging. In the face of this escalating crisis, the healthcare, insurance and wellness sectors are encountering a growing demand to shift to a preventative model and to help people adopt healthier, more independent lifestyles. The need for a simple, accessible, and affordable way to measure, monitor and manage health and wellness levels has never been more pressing.

Power Your Offering with the #1 Software for Health and Wellness Checks

Binah.ai's award-winning Health Data Platform offers organizations an unparalleled advantage by transforming camera-equipped devices such as smartphones or tablets into health and wellness monitoring tools. The software-based solution enables organizations to remotely measure an extensive range of health and wellness indicators and perform revolutionary bloodless blood tests. These health and wellness indicators can aid in early detection and management of chronic diseases and health issues such as cardiovascular disease, hypertension, stroke, chronic stress, and more.

Health and Wellness Indicators You Can Measure with Binah.ai's Technology

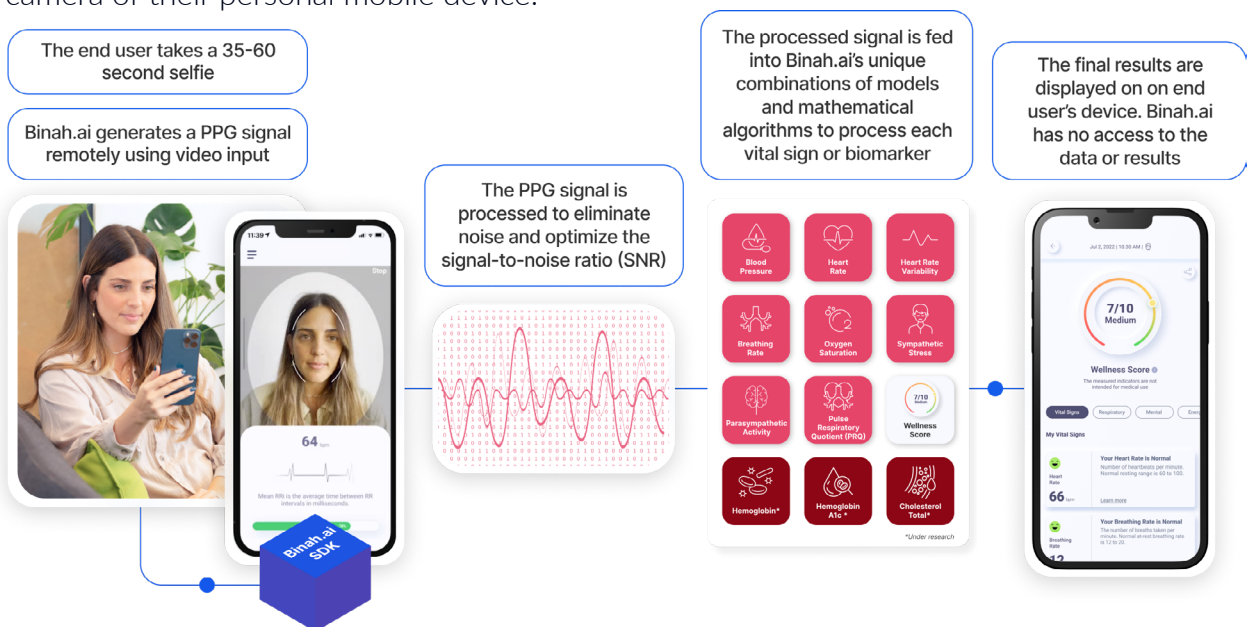| Blood Pressure	Heart Rate	Heart Rate Variability	Pulse Respiratory Quotient (PRQ)	Breathing Rate	Oxygen Saturation
Sympathetic Stress	Parasympathetic Activity	Wellness Score	Hemoglobin*	Hemoglobin A1c*	Cholesterol Total*

*Under research

How Binah.ai's Technology Works

Binah.ai's health and wellness checks employ a unique technological mix of signal processing, advanced AI and a proprietary set of algorithms. For spot checks, Binah.ai extracts and analyzes an rPPG signal taken from exposed skin on the surface of a human face. For continuous checks, Binah.ai analyzes and processes continuous PPG signals delivered from the sensor via Bluetooth® to deliver measurement results. Binah.ai's stress levels are calculated based on the Baevsky Stress Index. Delivering consistent results in under a minute, Binah.ai's technology supports all Fitzpatrick scale skin tones and is agnostic to sex.

Binah.ai's health and wellness checks are available as spot checks via personal electronic devices' camera or continuous checks via the Polar Verity Sense™ heart rate sensor.
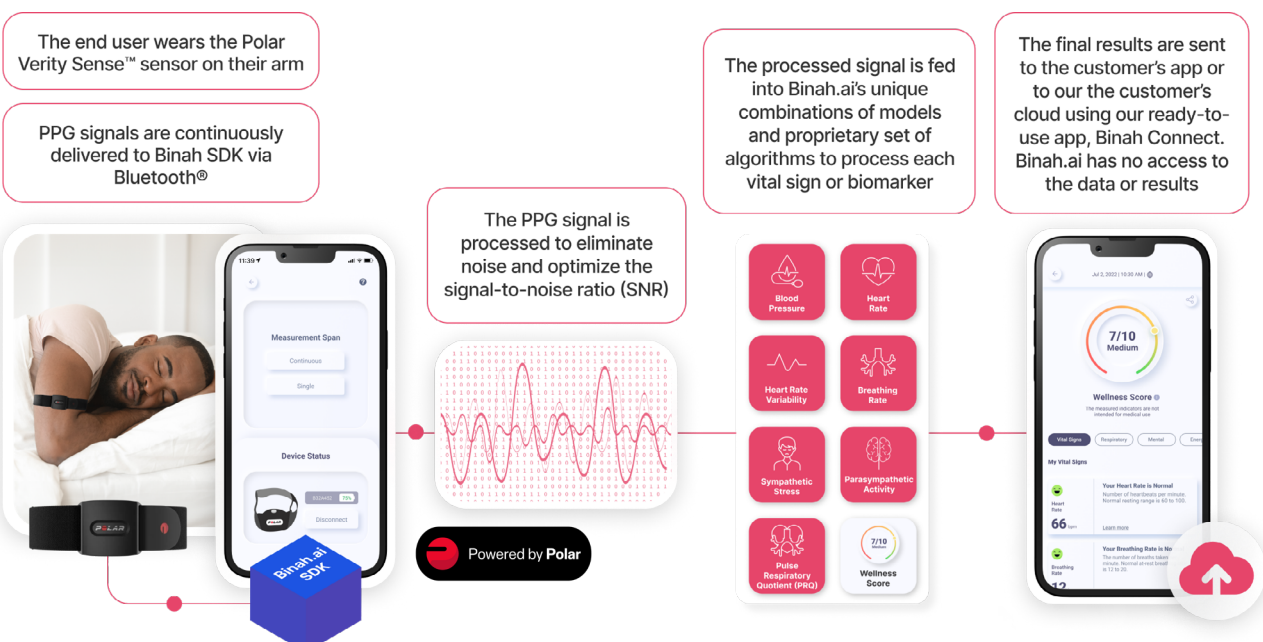
Video-Based Spot Checks using rPPG

With Binah.ai's video-based software technology, delivered as Binah SDK (Software Development Kit), organizations can empower anyone to take a health check in 35 to 60 seconds by simply looking at the camera of their personal mobile device.

The end user takes a 35-60 second selfie

Binah.ai generates a PPG signal remotely using video input

The PPG signal is processed to eliminate noise and optimize the signal-to-noise ratio (SNR)

The processed signal is fed into Binah.ai's unique combinations of models and mathematical algorithms to process each vital sign or biomarker

The final results are displayed on on end user's device. Binah.ai has no access to the data or results

PPG-Sensor Based Continuous Checks, Powered by Polar

For situations where continuous measurements are needed, organizations can enable their end users to measure and share continuous health data using the Polar Verity Sense™ heart rate sensor.

The end user wears the Polar Verity Sense™ sensor on their arm

PPG signals are continuously delivered to Binah SDK via Bluetooth®

The PPG signal is processed to eliminate noise and optimize the signal-to-noise ratio (SNR)

The processed signal is fed into Binah.ai's unique combinations of models and proprietary set of algorithms to process each vital sign or biomarker

The final results are sent to the customer's app or to our the customer's cloud using our ready-to-use app, Binah Connect. Binah.ai has no access to the data or results

Strong Scientific Background

Binah.ai's technology has undergone rigorous testing in the lab and by third parties. Measurements are real measurements and are not based on a statistical predictive model. For more details on the rigorous testing of Binah.ai's technology, visit our research page.

Unique Edge Architechture

Binah.ai's software runs on the device and harnesses the power of edge computing to eliminate cloud costs and friction while ensuring stable performance regardless of internet connectivity or speed. Our distinctive edge architecture also provides full ownership over data to safeguard your end users' data privacy and facilitate a smoother GDPR/HIPAA accreditation path. **Binah.ai does not have access to end-user data.**

Delivery

### Binah SDK (Software Development Kit)

- Supports: iPhone 8 and up and iPad 6th Gen and all iPad models released afterward with iOS 14 and up; Android 8.1 mobile devices
- Web Application Support: compatible with Safari and Google Chrome on iOS, and Google Chrome on android - no app needed
- Support for landscape and portrait orientations
- Available through web application clients - no app download needed

Binah Check - Ready-to-use Health and Wellness Monitoring App

- Immediately available on a per-user model, no integration needed
- Includes a SaaS-based management platform and end-user application
- Available for: iPhone (8 and up) and Android smartphones

Binah Connect - PPG Sensor Support

- Polar Verity Sense™
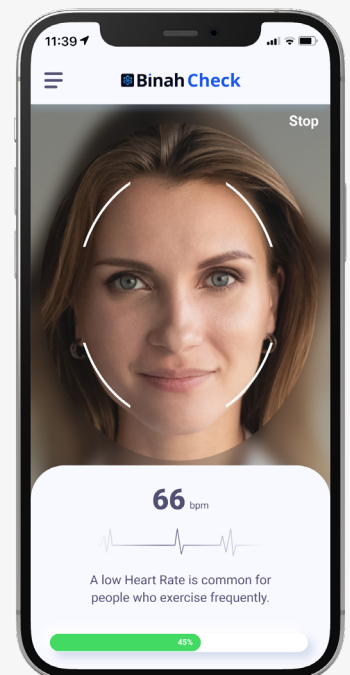
Selected Use Cases for Health and Wellness Checks

Binah.ai's Health Data Platform unlocks a multitude of applications across diverse industries, including healthcare, insurance, wellness, pharma, and more.

Telehealth | Remote Patient Monitoring | Chronic Disease Management | Home and Elderly Care

Insurance Underwriting/STP | Risk Management and Claims | Know Your Customer | Personal and Corporate Wellness

Activity Tracking | Sleep Monitoring | Virtual Trials | Medication Adherence
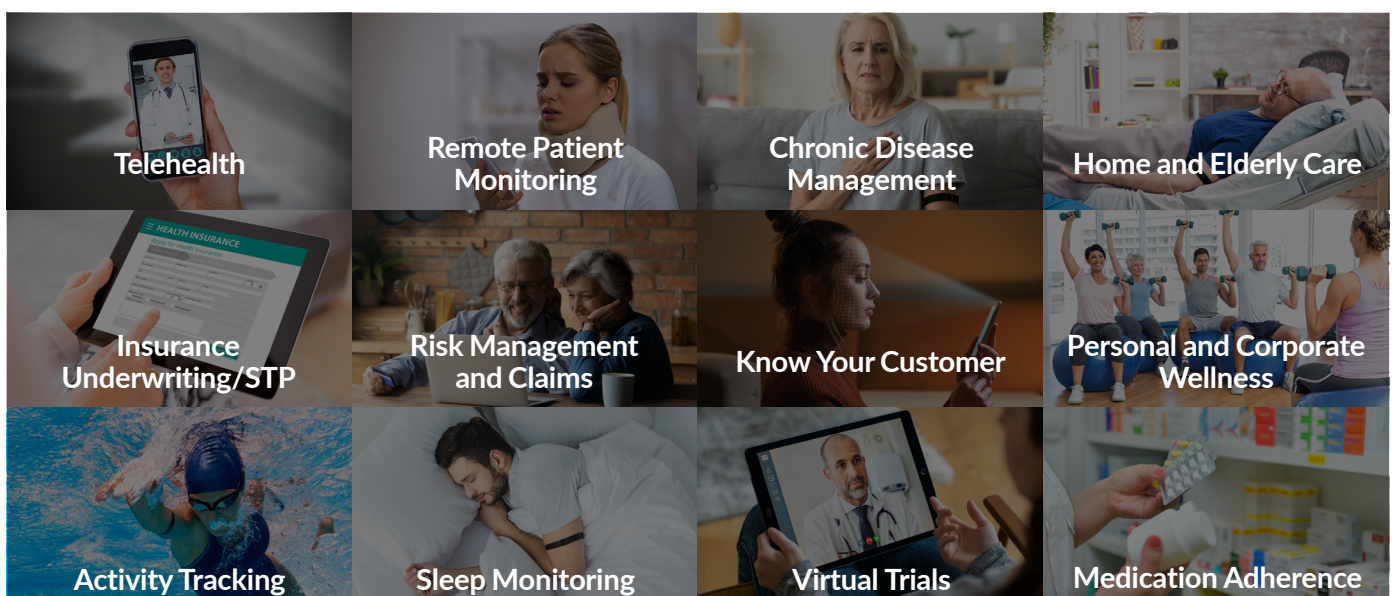
Health Checks Anywhere

Binah.ai's video-based Health Data Platform is the # 1 software for health and wellness checks. Reducing the need for dedicated hardware, it transforms smartphones and other camera-equipped devices into health and wellness monitoring tools. Binah.ai empowers industries, including healthcare, insurance and wellness by offering a tool for end users worldwide to take bloodless blood tests and measure and share a wide range of vital signs. Binah.ai makes access to user-provided health data fast, simple and affordable and empowers organizations to provide preventive and personalized care and services at lower costs - to everyone, anywhere, regardless of ethnicity, sex or location.

For more information on Binah.ai, please visit: www.binah.ai **or write to us at** info@binah.ai

Industries We Empower

| Insurance | Wellness | Healthcare | Pharma | Automotive | Consumer Electronics/IoT | Retail | Nutrition | Cosmetics |

Selected Partners

POLAR   accenture   endava   sdg group

Selected Customers

GENERALI   MetLife   AIA   CHUBB

Certifications

DEKRA ISO 13485:2016   HIPAA COMPLIANT   GDPR Representation

Recent Market Recognition

| DIA DIAmond Award 2022 | CES Innovation Awards 2022 | CES Innovation Awards 2020 | GRAND CHAMPION NTT Data 10th Open Innovation International Contest 2020 |

Why Binah.ai?

Unique Edge Architecture
No cloud costs, stable performance, and internet connection not mandatory.

Seamless Integration
Delivered as an easy-to-integrate SDK or ready-to-use app.

Spot and Continuous Checks
Versatile health and wellness check options to suit your organization's needs.

No Privacy Concerns
In compliance with GDPR requirements, Binah.ai has no access to end-user data.

Accessible
Available on smartphones, tablets and laptops.

Strong Scientific Background
Rigorously tested in lab and by third parties. Real measurements - not based on statistical predictive model.

For All
Agnostic to gender, ethnicity and location - supports equitable access to care.

Proven
In use with tens of millions of end-users in the insurance, healthcare and wellness industries.