binah.ai
Health Checks Anywhere

Datos Health

Joint Solution

Automated Remote Care Enhanced with Video-based Vital Signs Measurement

Automated Remote Care

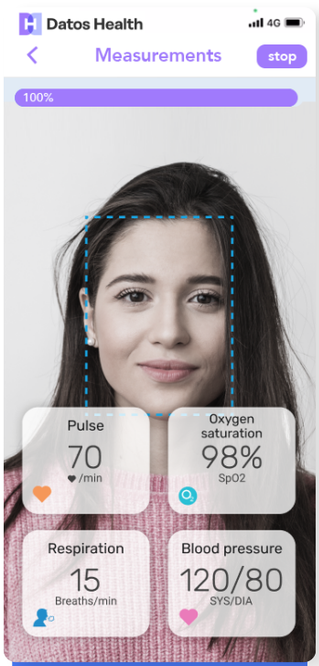
Datos Health's Open Care platform transforms clinical workflows into automated remote care programs that are instantly translated into patient CareApps.

The system gathers patient health data such as vital signs measurements, survey responses, adherence data, and engagement data to trigger automated responses when appropriate or notify the care team when intervention is needed. Actionable data gathered by Binah.ai enables clinicians to give patients the answers they need whenever they need them and reduce care team workload by automating many tasks.

Smartphone-based Vital Signs Measurement

Binah.ai's embedded solution reduces the need for wearables, sensors, and other dedicated hardware. The software enables anyone with a smartphone to get a personal wellness score and measure critical biomarkers by simply looking at a smartphone camera. Biomarkers include:

Blood pressure, pulse rate, heart rate variability, oxygen saturation, respiration rate, sympathetic stress, parasympathetic activity and pulse-respiration quotient (PRQ). Bloodless blood tests, including hemoglobin, hemoglobin A1c and cholesterol total are currently under research and will be available soon.

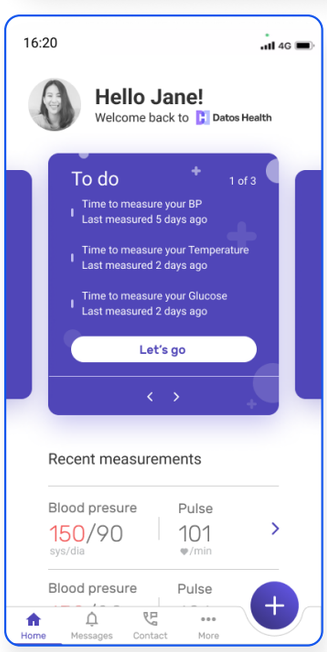


Patients measure and share health data using their smartphone camera and Binah.ai's video-based technology.
Datos Health gathers and processes the data in real time.

Biomarkers You Can Measure Using 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 (7/10)
- Hemoglobin*
- Hemoglobin A1c*
- Cholesterol Total*

*Under research



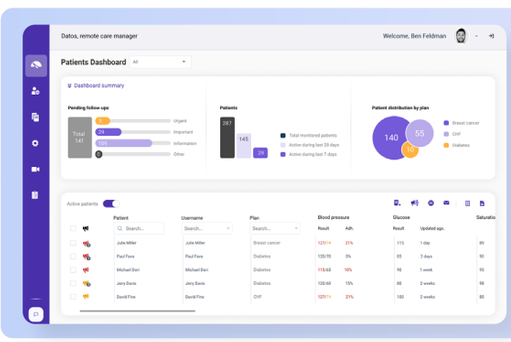
Datos Health CareApps

Benefits include:

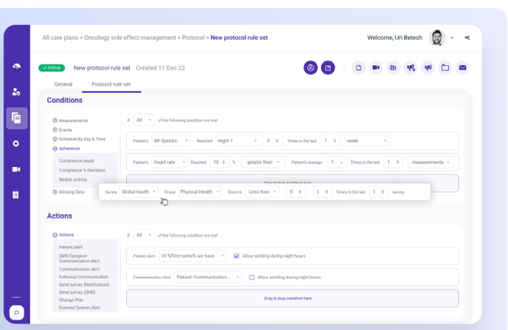
- Reduced clinician workload
- Data-driven insight into patient health
- Real-time intervention
- Quality patient-to-provider interactions
- Reduction in device procurement resources
- Improved program adherence

Use cases include:

- Chronic Care Management
- Primary Care
- Specialty Care
- Hospital at Home
- Clinical Trials



Datos Health Care Team Dashboard



Datos Health Design Studio

Deliver Quality Care, Anywhere

The joint solution makes remote care more effective, accessible and affordable for both healthcare providers and patients. Healthcare providers using Binah.ai and Datos Health can easily collect real-time health data shared by patients to update care plans, follow up on treatment efficacy, enhance chronic disease management, and more.