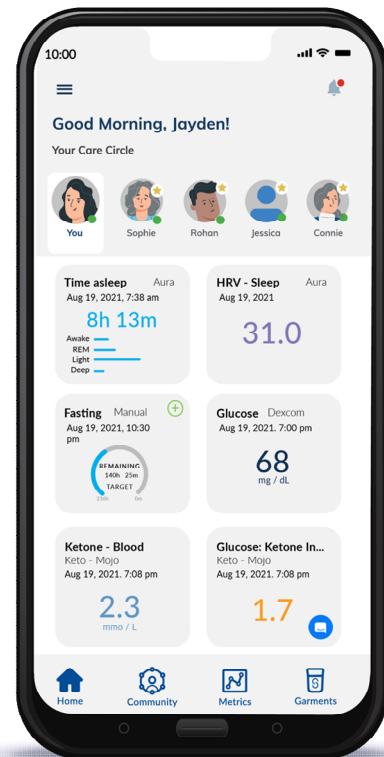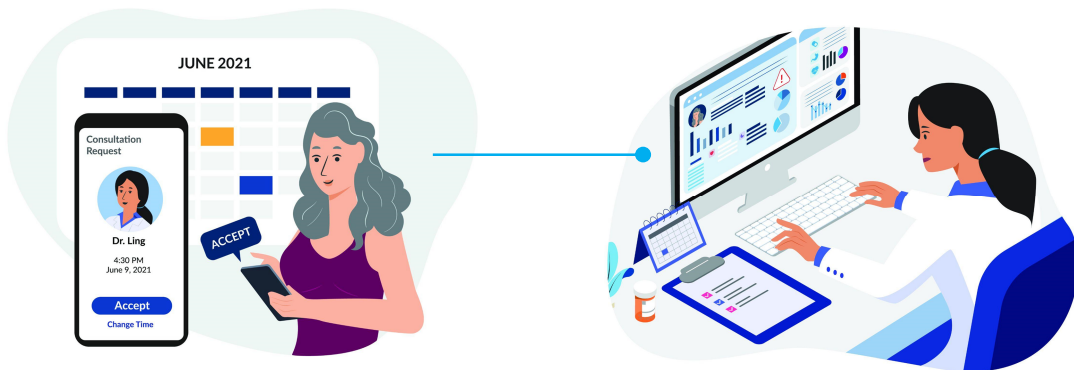# MYANT

ENABLING A CONTINUOUS RELATIONSHIP WITH YOUR HEALTH & WELLNESS

Tony Chahine - Founder & CEO

Creating a Human-Centered Virtual Healthcare Model

Device interoperability and the fusion of disparate data streams into one holistic representation of the physical body & expression enables delivery of comprehensive health services.
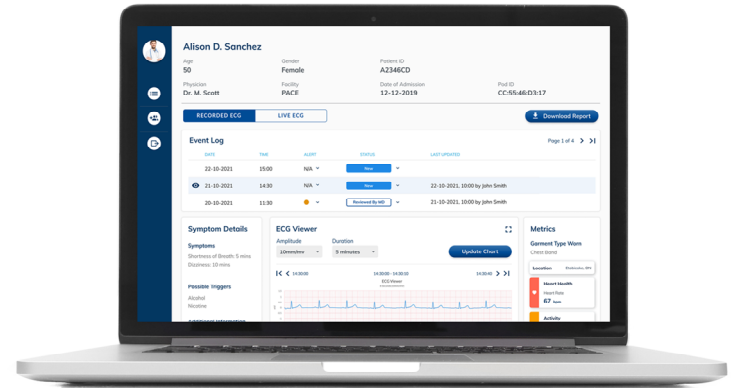
- Remote monitoring for any location, across many chronic conditions

- Informs Healthcare Practitioners with broad data sets (real-time and retrospective) to more accurately and quickly diagnose, treat and care for patients

- Seamless support system with automated and curated nudges to the care circle

Myant Health Virtual Clinic

Provides a digital platform that connects Cardiology Clinics and Primary Care Physicians to patients through novel, proprietary wearable technology enabling virtual care.

- Skiin -textile-based biometric sensing wearable technology- provides the interface to patients that captures real-time vitals and enables remote monitoring.

- Connected Life App paired with Skiin products and 3rd party devices for patient data capture and visualization, symptom reporting and interface to Digital Engine and Clinical Portal.

- Digital Engine - the data repository of all patient biometric, lab, medical record and contextual data forming a digital twin and whole person health record.

- Clinical Portal ingests Skiin data (and 3rd party medical/wellness data) displaying a live patient dashboard and historical views. Ability to provision a range of clinical services to patients.
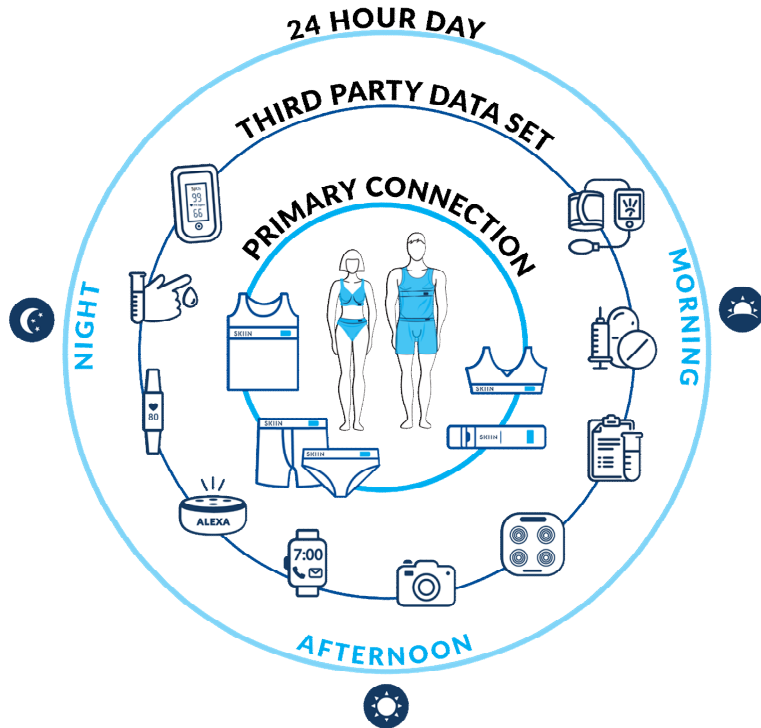
Powered by Myant's Core Technology

Textile-based connection to the body: **Skiin™**

- Acts as a DSL cable to the human body

- Enables 24/7 detection and monitoring of;

- Heart Health / ECG / Sinus Rhythm

- Activity & Motion

- Sleep Quality

- Breathing Rate

- Body temperature

- Location

Provision of Robust & Reliable Health Picture

Primary Connection through Skiin Interoperable with Secondary Connections through IoTs

- Data from additional devices such as wearables & IoT will augment the Skiin primary connection to provide additional context to the baseline.

- Full participation requires continuous connection between the human operating system and other devices and third party data sets that represents a complete health picture.

Solving a number of chronic disease **continuum of care challenges**

Through system capabilities that include;

- Continuous, live patient physiological measures/data

- Retrospective views of patient data

- Enriched set of physiological patient data for decision support (including 3rd party device data)

- Reliability and redundancy of critical patient data

- Family support via Circle of Care

- System nudges and alerts supporting positive behaviours

- Predictive algorithms providing early warning

The patient and HCP team are fully armed to manage their disease state in a prospective manner and live a high quality life.

Health system level benefits attainable through broader diffusion

Beyond the CVD use case, Myant's solution can be deployed towards other chronic diseases and healthcare locations resulting in greater system wide benefits;

- **Increase productivity** and retention of healthcare professionals (nurses, doctors)

- **Enables RPM at scale**, reducing unnecessary hospital visits

- **Earlier monitoring** and detection of heart, stroke, sleep and other chronic conditions

- **Facilitates** earlier or same day patient discharge from hospital

- **Improves patient triage** during critical 30 day post discharge for readmissions (e.g. heart failure decompensation occurs in 25% of cases)

Textile Computing: opening a new frontier of society & experience

Humans with Textile Computing

HOME

- Optimize temperature based on body
- Alert loved ones during incidents
- Social interaction with contextual data (e.g. emotion, stress)

WORK

- Optimized furniture & equip. settings
- Employee authentication
- Worker safety, sentiment, & performance insights

CITIES & COMMUNITIES

- Vehicles that react to driver health
- Citizen authentication
- Predictive safety (e.g. traffic accident)
- Personalized services

HEALTH

- Remote & virtual care (incl. mental)
- Preventive & predictive care
- Optimized performance
- Therapy monitoring & remote delivery