viQtor®

a smartQare solution

Information deck

The NextGen Solution for 24/7 Remote Patient Monitoring

Our founding story

Ronald and Reinier founded smartQare in 2017. They were inspired to our mission after they encountered significant medical issues with their aging parents.

smartQare is a Dutch start-up offering a unique medical grade data-driven platform, digital biomarker measurements and analytics for in-hospital, care institutions and homecare applications. smartQare's innovative product viQtor is a CE marked class II 24/7 monitoring solution for remote patient care.

Our digital companion measures vital signs, optically and non-invasively, and streams (near)real-time patient data directly to a platform supporting trend analyses and clinical decision making.

viQtor is a valuable solution in addressing value-based healthcare, a shortage of professional staff, improving patient outcomes, and reducing healthcare costs.

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Challenge

Healthcare is no longer sustainable

By 2030

- Aging population +20%
- Staff shortages +25%
- Healthcare costs +40%

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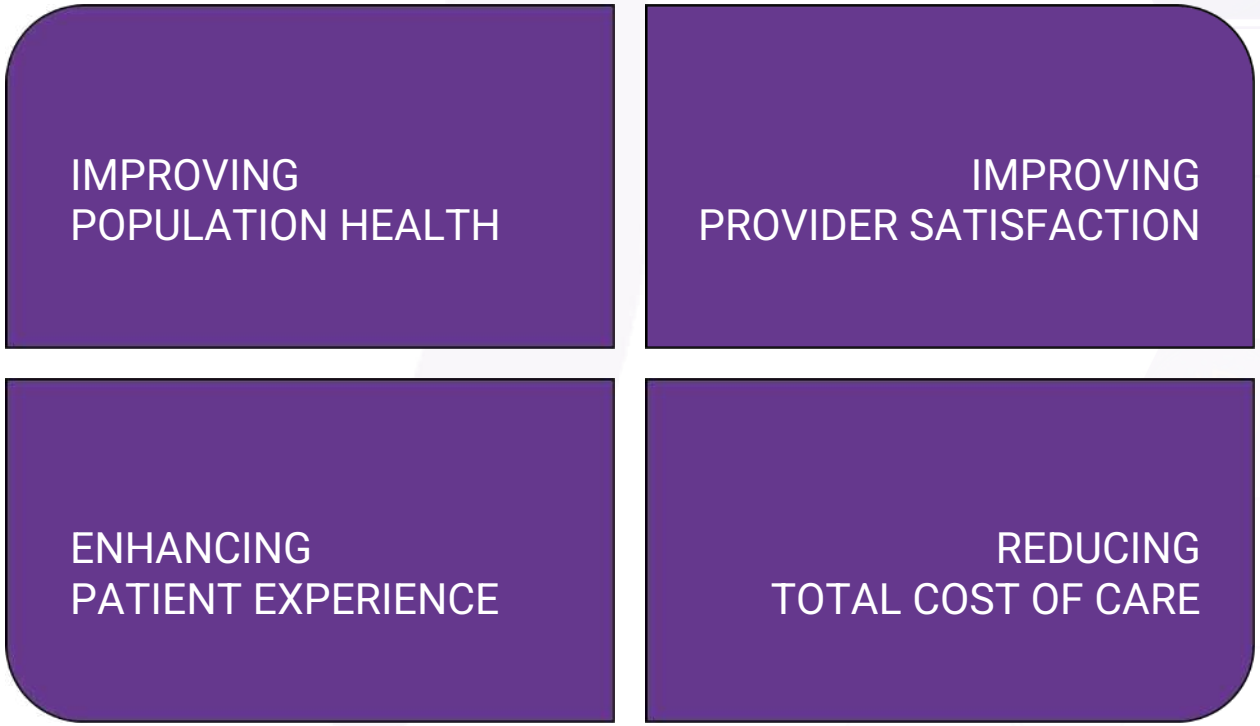
viQtor & Remote Patient Monitoring

The perfect match to address the Quadruple Aim



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WHY

- Improving patient/population health, Enhanced Patient Experience, Improving provider/healthcare professional satisfaction, Lower cost of care.

WHAT

- A CE Class II MDR AI-powered IoT solution for 24/7 remote patient monitoring, shaping the future of precision medicine and personalized healthcare, boosting productivity and cutting costs. A multi sensor wearable, cloud-based platform and mobile apps offer unique medical grade digital biomarker measurements and analytics for in-hospital, care institutions and homecare applications.

HOW

- viQtor works straight from the box, simple, continuous, and everywhere, fully autonomous.
- The medical device continuously collects vital sign data and other health parameters.
- Securely transferring data to smartQare's Cloud-based platform via Vodafone's NB-IoT/LTE-M network.
- Patients' data (near-)real-time available in web dashboards in support of informed clinical decision making.
- Immediate alerts and notifications to monitoring center when a patient's condition deteriorates, enabling early intervention to prevent escalation to acute care.

WHO

- Experienced and senior team committed to provide the highest quality of service and support.

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ISO 13485 CE 1912 smartQare 24/7 REMOTE PATIENT MONITORING

In short

win

Patients

- Continuous vital sign monitoring enhances patient safety by quickly detecting any abnormal or critical changes in vital signs
- Continuous monitoring allows for the adjustment of treatment plans and interventions based on real-time data, leading to more personalized and effective care.
- Early hospital discharge and patients staying at home longer;
- Greater self-control/autonomy, promotes self-reliance and quality of life;

win

Healthcare professionals

- Access to continuous data enables evidence-based decision-making, helping healthcare professionals make informed choices about treatments and interventions.
- Reduced registration- and workload;
- Optimal focus on the patient;
- Earlier intervention in case of a clinical deterioration;
- Measured values are the basis for lifestyle recommendations and/or adjustment of treatment.

win

Healthcare market

- Early detection and timely interventions can lead to better patient outcomes, reduced hospital stays, and lower healthcare costs.
- The right care in the right place
- Care processes become more efficient.
- Hospital-at-home care can be safely based on 24/7 monitoring.
- Prevention of (re)admissions, outpatient visits and fewer inpatient days.
- Emergency care becomes pre-emptive and plannable care.

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Hello, I am

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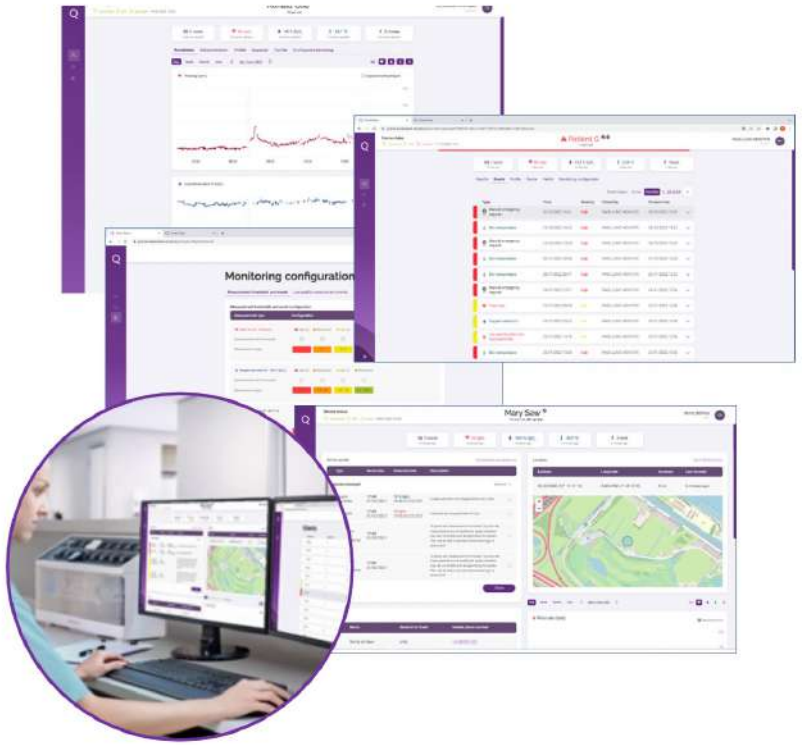
The NextGen Solution for 24/7 Remote Patient Monitoring



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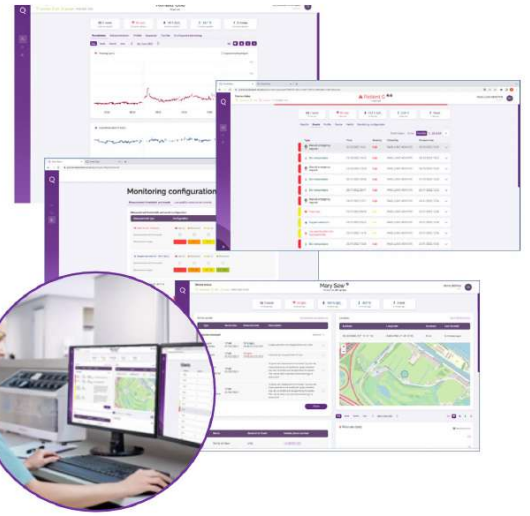
smartQare 24/7 REMOTE PATIENT MONITORING

Delivering

- ✓ Healthcare-as-a-Service.
- ✓ Continuous monitoring of 3 vital signs.
- ✓ State-of-the-Art medical device.
- ✓ Connectivity and integration.
- ✓ Secure data transmission and storage.
- ✓ User-friendly platform.
- ✓ Real-time monitoring dashboards.
- ✓ Advanced data analitics and reporting.
- ✓ Interoperability.
- ✓ Compliance and regulation.
- ✓ Scalability.



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Designed to monitor

- ✓ Acute conditions.
- ✓ Patients in perioperative care.
- ✓ Step down beds in hospital care.
- ✓ Patients with respiratory conditions.
- ✓ Cardiovascular Patients.
- ✓ Infectious diseases (Long) COVID.
- ✓ Hospital-at-home care.
- ✓ Chronic disease management.
- ✓ Frail senior citizens at home.

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smartQare holds a unique competitive positioning in the RPM market

Continuous, automatic monitoring (24/7)

Wearables with lifestyle and sports functionalities

GARMIN

POLAR

SONY

fitbit

Unique combination of sensors, innovative technology, medical quality and continuous measurements with preemptive alerts

biobeat

Corsano

viQtor

current health

biovotion

waire

PHILIPS

Health dot

ViSi

BioIntelliSense

Sensium

Non medical

Medical

Consumer devices that generate (non-medical) vital signals based on self-measurements

Medical devices that generate vital signals based on self-measurements and send values via mobile app

THE BOX

EarlySense

Withings™ Part of Nokia

Luscii

OMRON

Masimo

Intermittent spot measurements

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Highly motivated team on a mission*

Walter van Kuijen
CEO
Formerly Philips Healthcare

Henk Stapert
CTO
Formerly Philips Research

Reinier Vrolijk
Co-founder
Online & mobile expert

Ronald Olie
Co-founder
Experienced commercial leader

Jan-Hein Auf dem Brinke
CFO
Formerly KPMG / BBVA

Frank Boon
Head of Adv. Development
High Tech start- & scale-ups

Sabine van Zundert
Clinical Science Manager
Formely RadboudMC

Emile Artz
Head of Supply Chain and Services
Formerly B. Braun

Souraya Verhaegen
Quality Assurance Manager
Formerly Philips QR / QA manager

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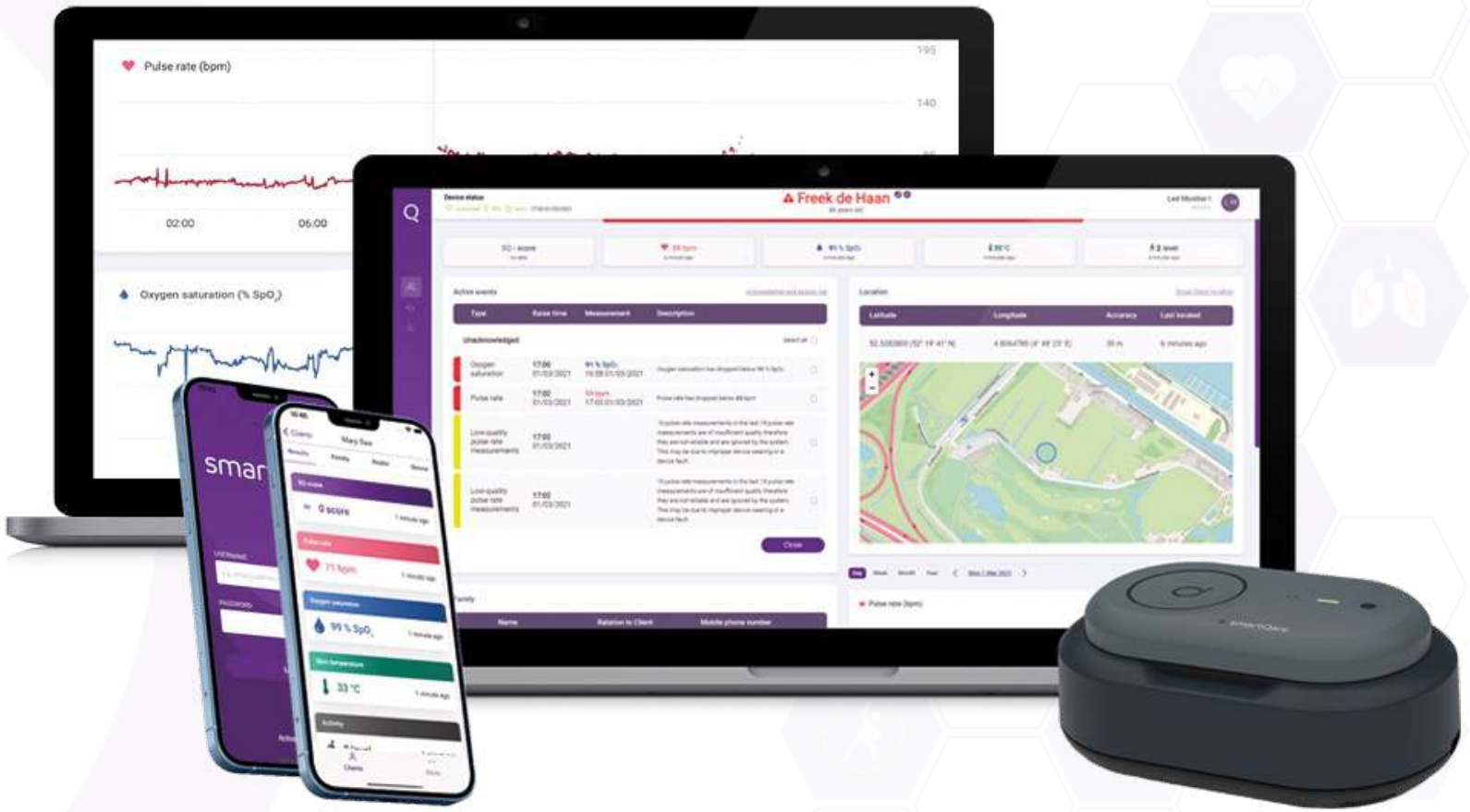
Promise …

Continuous, non-obtrusive monitoring includes patient in care management, increases effectiveness of treatment pathway, and generated (big) data will be leveraged for continuous therapy improvements



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24/7 REMOTE PATIENT MONITORING

smartQare Eindhoven

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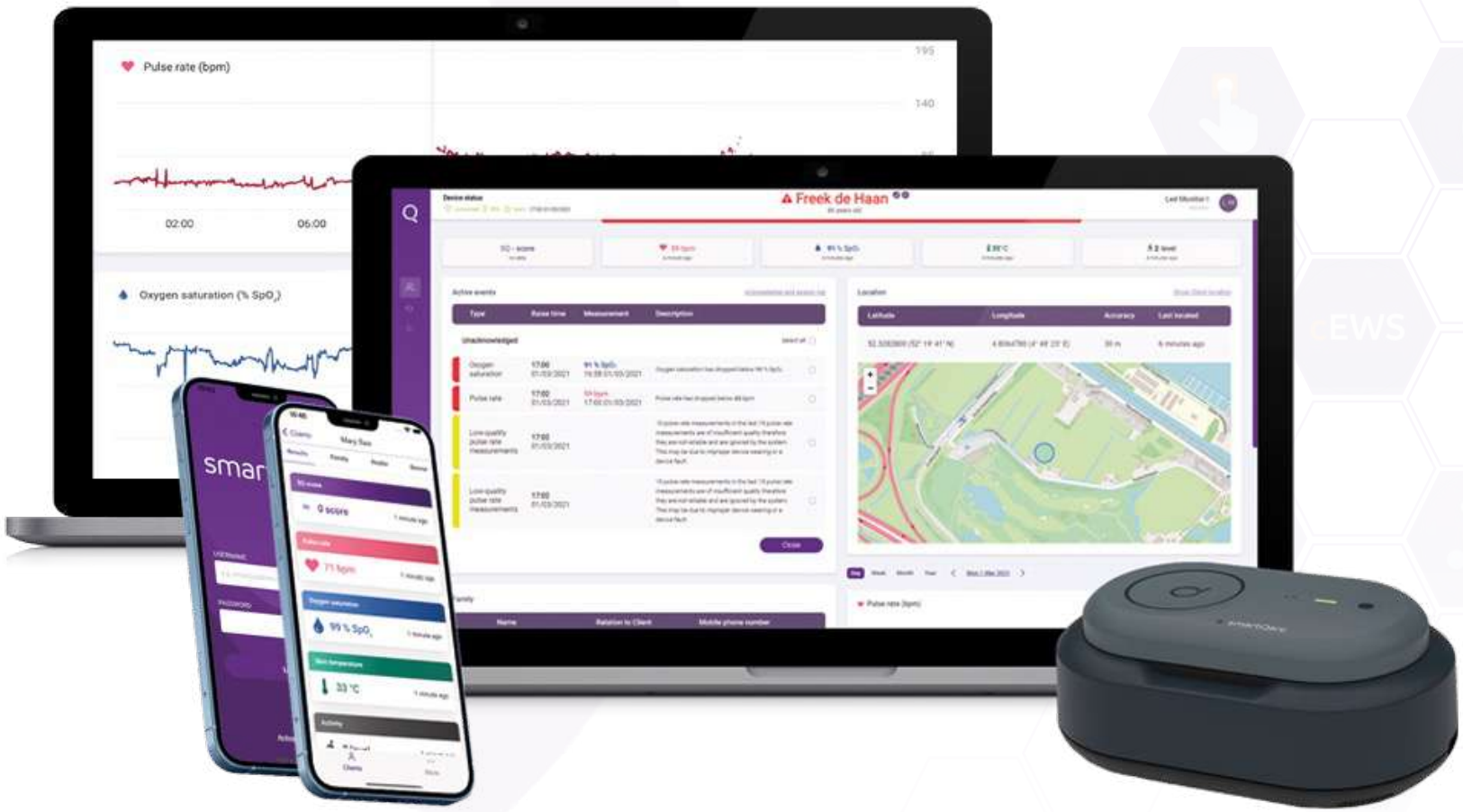
Appendix viQtor solution



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viQtor® dashboard

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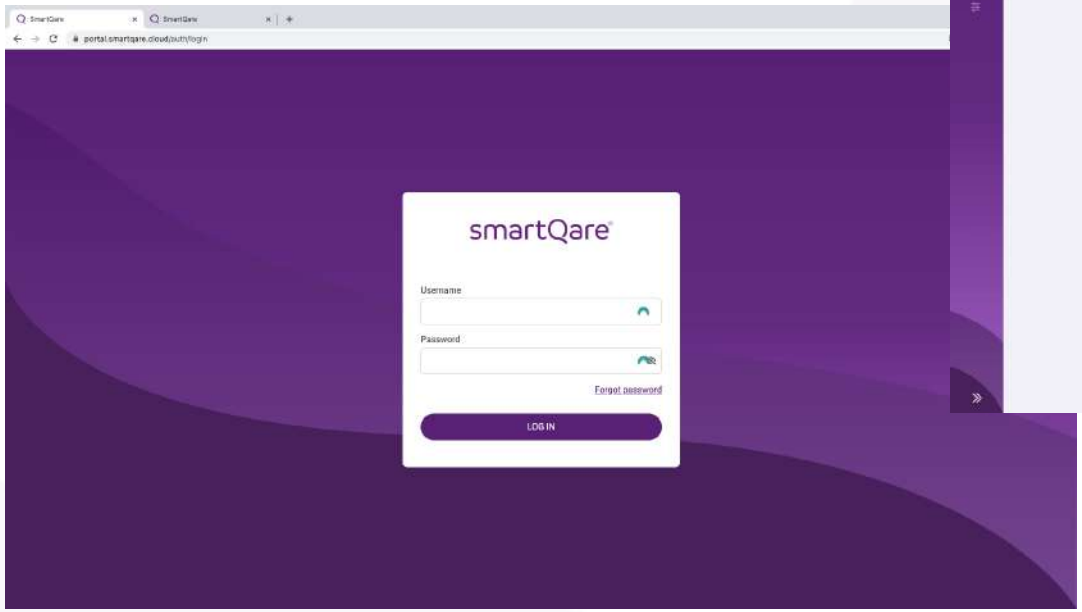
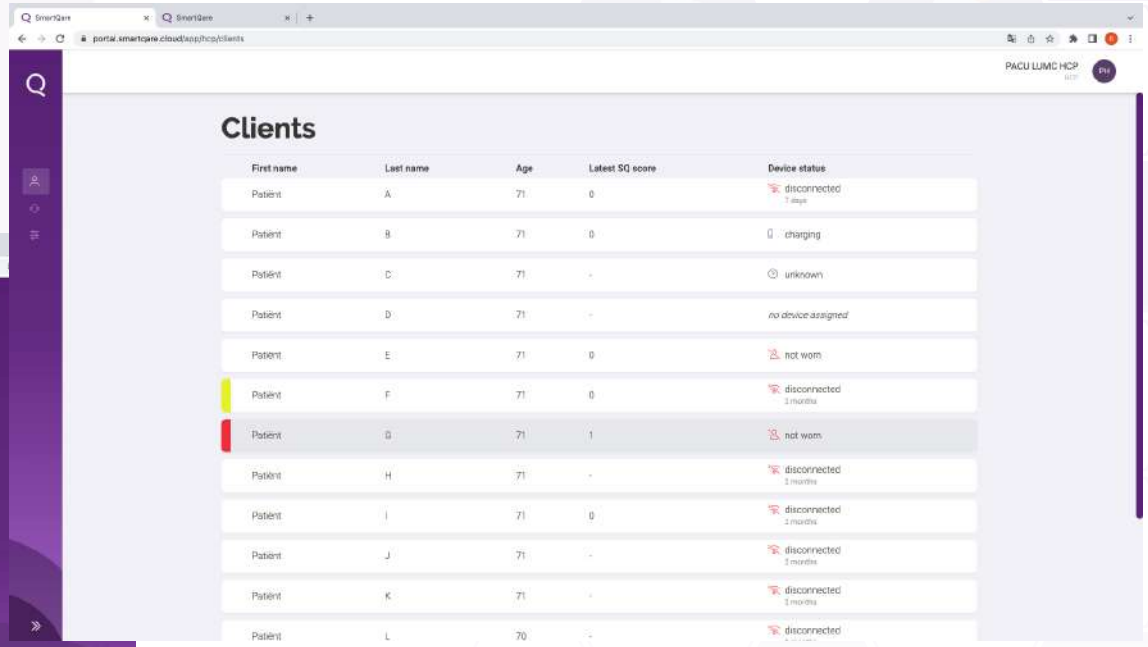
Inlog screen





Overview patients

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viQtor® individual thresholds

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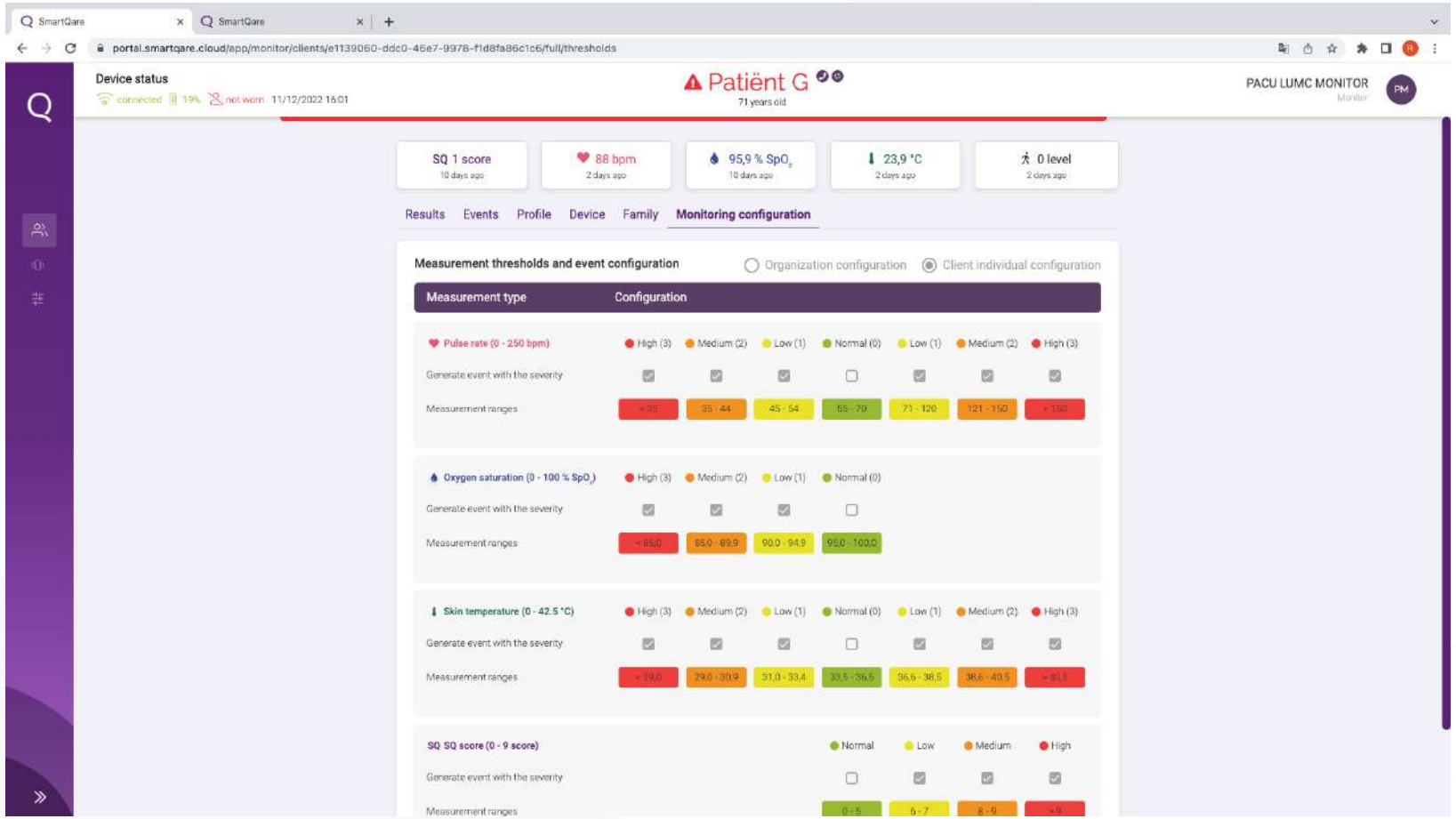

Tresholds can be set per patient.

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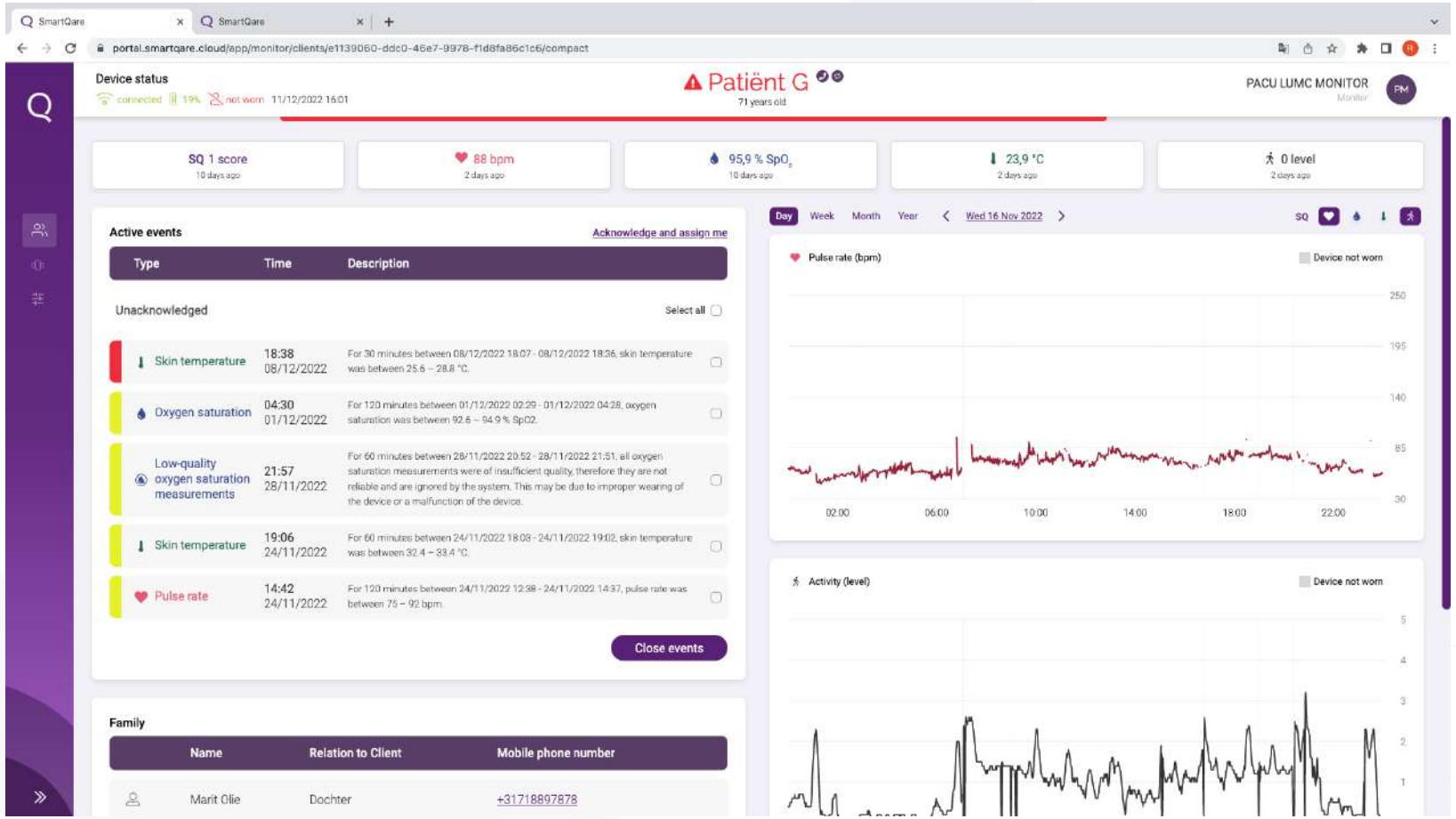
vital sign measurement



Measurements and trends.

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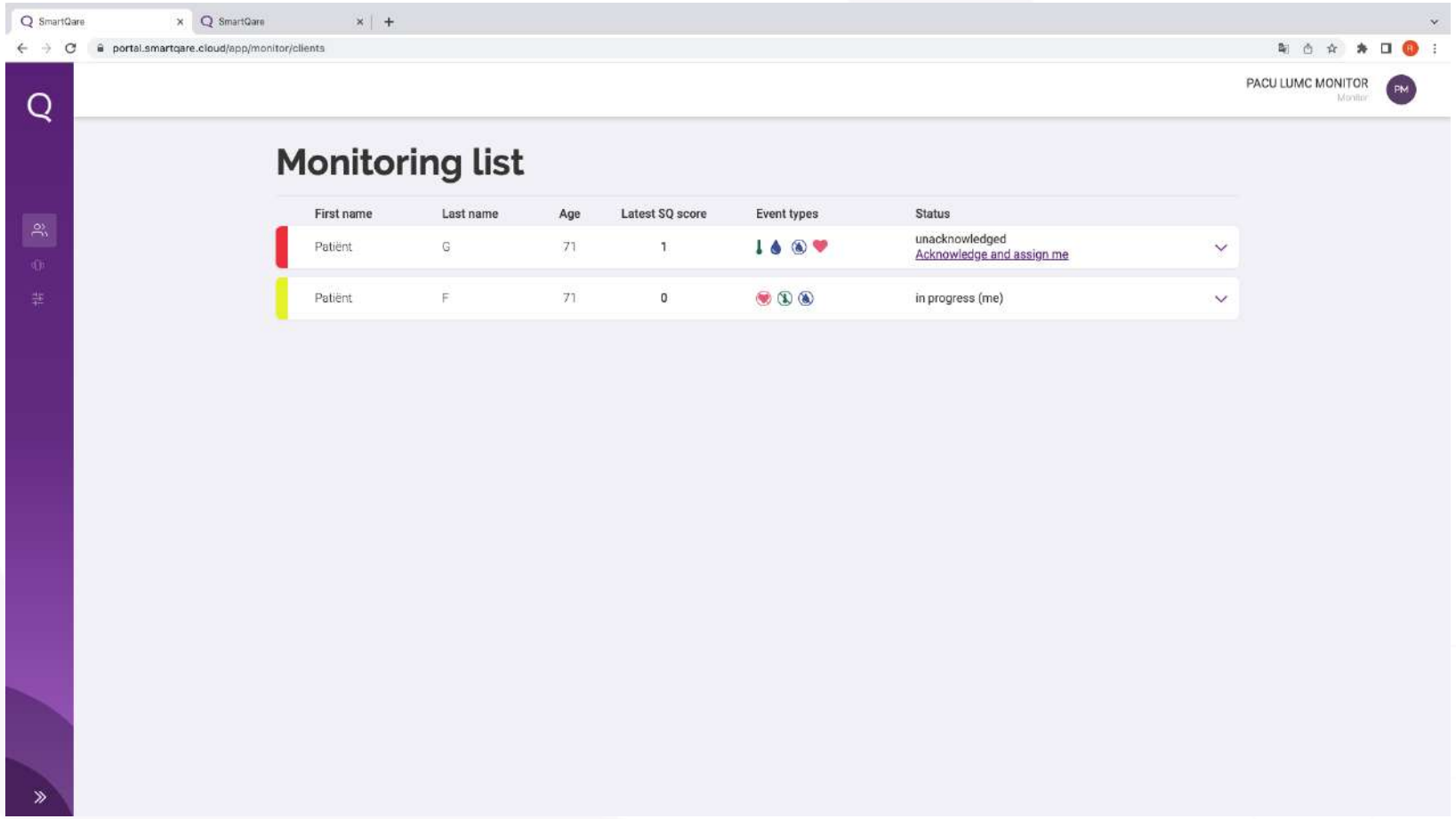

Overview patients with one or more alerts.

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viQtor® positioning

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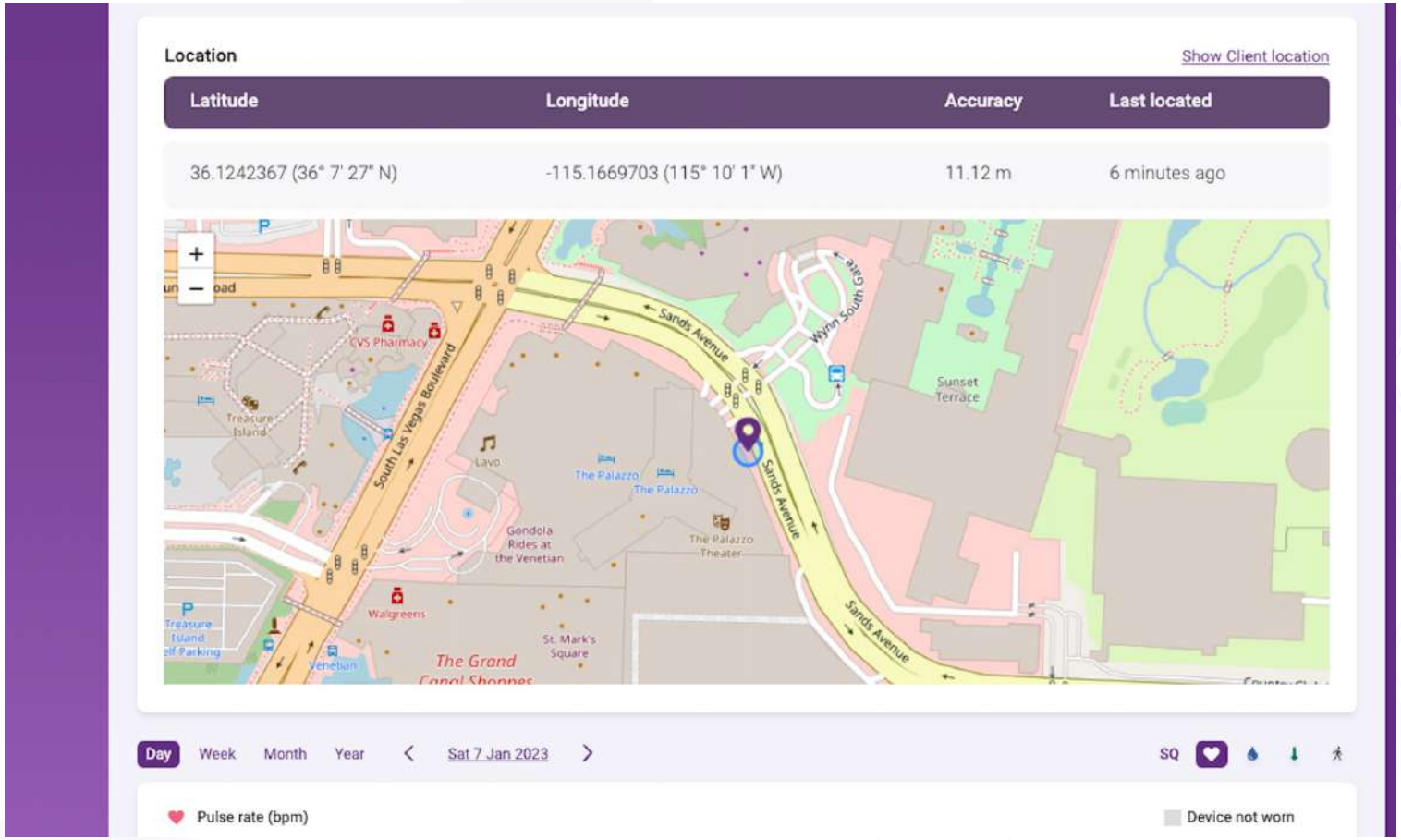

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viQtor® app

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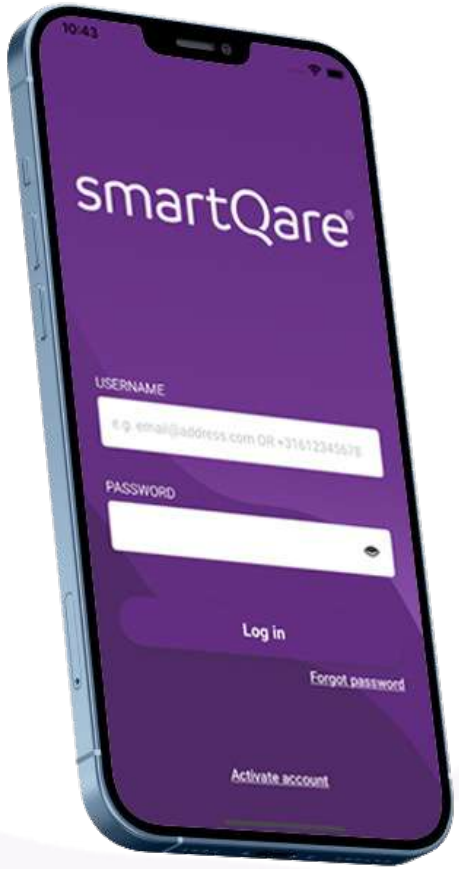

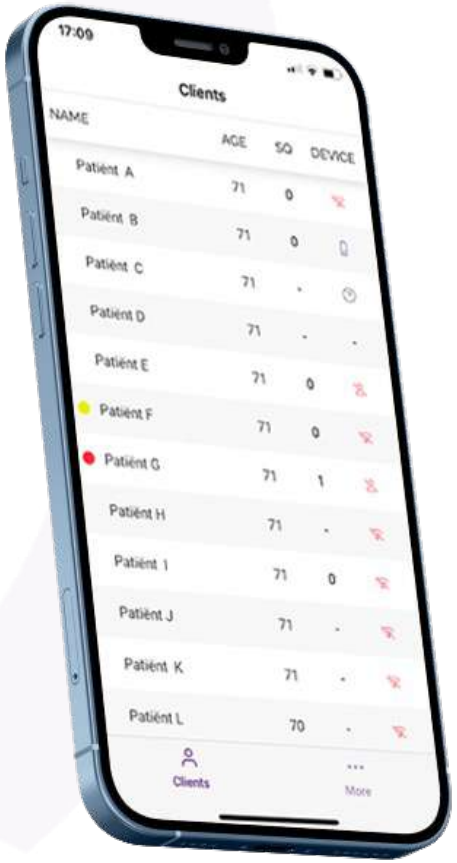

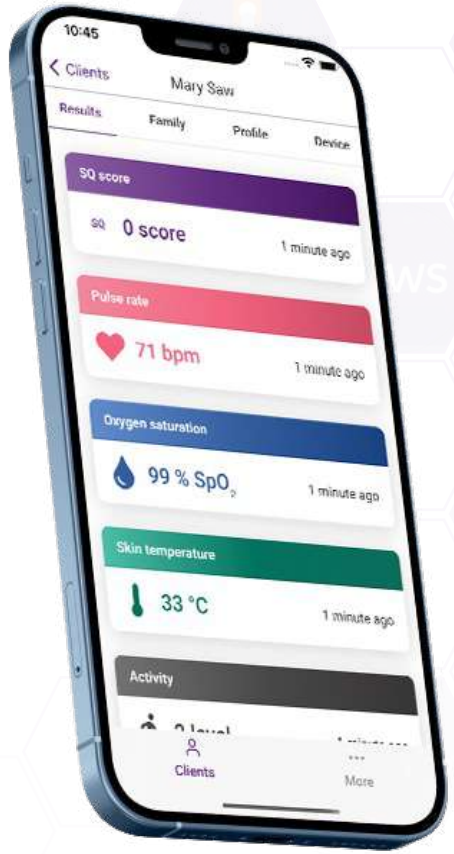

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viQtor® a smartQare solution — the wearable

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viQtor® the wearable

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