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## physIQ's Clinical Portal

Access in-depth, 24/7 patient-level data all under one portal

acceleratelQ's<sup>™</sup> Clinical Portal arms researchers with a comprehensive set of tools to continually monitor remote patients' status and progress. The following set of tools allows researchers to make patient-specific decisions in near real time.

## 1

#### Watchlist

From the Watchlist landing page, view your entire patient populations collection of physiological data and self-reported outcomes in one personalized screen. Collectively review all your patients translational views in one spot.





Review all patient-specific data like, MCI, Respiratory and Heart Rate, and Sleep on a timeline.

## Patient Dashboard

2

Analyze personalized patient and study-level data in one coherent timeline.

#### Progress Notes and Markers -

Make personalized clinical progress notes per patient and group, and customized marker details, to notify you when patients' vitals show progress or deterioration.

#### • Clinician-Defined Events View when patient-level rules have triggered, based upon clinician-defined rules, and which have been acknowledged.



## physIQ's Watchlist

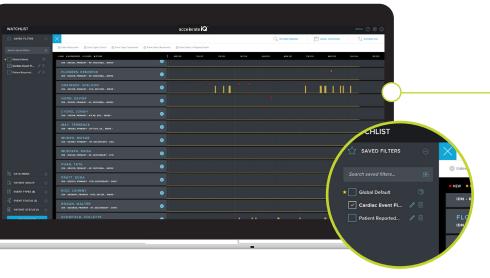
Review, manage, and analyze patient population data in a whole new way

As the home page of physlQ's acceleratelQ<sup>™</sup> Clinical Portal, Watchlist provides a population-level view of all patients being monitored, enabling an efficient triage workflow for the busy clinician. Data from the last 10 days, provides never before insights into how patient-level data may have changed over time.

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### physIQ's Watchlist Features

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ATCHLIST

PATIENT GROUP

### **Dive Deep Into Data**

Select different views using powerful sorting, searching and filtering features, within a specific date or time for all active patients, using the built-in Watchlist utility bar.



View data indices like MCI and A-Fib for added context as well as "sort" and "add" markers, make Progress Notes, and create event-based insights.

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### **View Data Your Way**

Create and save customized Watchlists views based on your workflow and preferences. Multiple views can be created and saved for different patients. Once a Watchlist is created, it can be categorized by:

### 1 Group study



#### Unique markers and identifiers: Clinicians cite specific notes, details, and

actions needed to examine relevant data points further.

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## Keep an Eye on Remote Patients' Status and Progress, 24/7

acceleratelQ<sup>™</sup> Clinical Portal arms researchers with a comprehensive set of tools, including Watchlist, Patient Dashboard, Progress Notes and Markers, and Clinician-Defined Events, allowing them to make clinically based, patient-specific decisions anywhere, anytime.



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## physIQ's Patient Dashboard

Dive in deeper from your Watchlist to focus on patient-specific personalized data

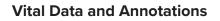
acceleratelQ<sup>™</sup> displays all patient-specific data on a common 10-day timeline. By showing minute by minute vitals extracted from wearable biosensors, along with periodically collected data it provides a comprehensive visualization of your patient allowing researchers to review, manage, and analyze at a personal level.



Make data and symptom review more insightful by drilling down from the Watchlist to a specific patient using the Dashboard's enterprise-level functionalities.

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View minute by minute vitals and the results of physIQ's FDA cleared AI-based analytics using powerful visualization tools. View shorter or longer periods of time to further explore the patient's trajectory.

### **Raw Telemetry**

For more detailed analysis the user can drill down to the raw, telemetry signals, to verify determinations like A-Fib from a ECG trace.



Review and analyze patients' survey answers by clicking on the icon shown on the timeline shown at the data and time it was entered.



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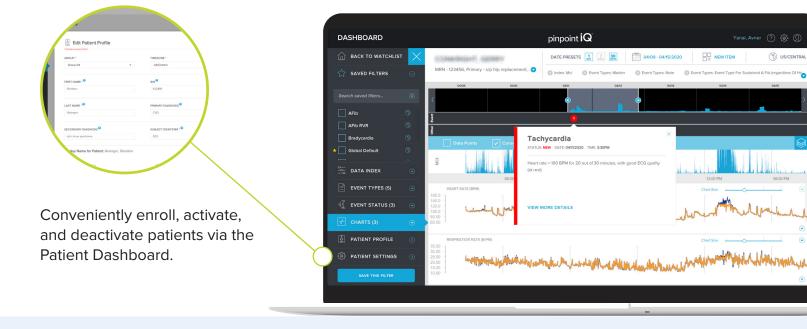
Clinical Note

### **Point Measurements**

Examine your patients' self-reported point measurement values, shown with other date types to provide a holistic view and important context needed to make better clinical decisions.

### **Markers and Notes**

Also shown on the timeline are the results of Clinician Defined rules, which can be selected to see additional information and previously created Progress Notes to track patient trajectories.



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## physIQ's Progress **Notes & Markers**

Use assessment, examination, and note-taking to manage patient-level data

A fully interactive and customizable data collection and reporting tool, physIQ's accelerateIQ<sup>™</sup> platform allows researchers to document and personalize patients' progress notes and create markers to identify follow-ups.

## physIQ's Progress Notes Features

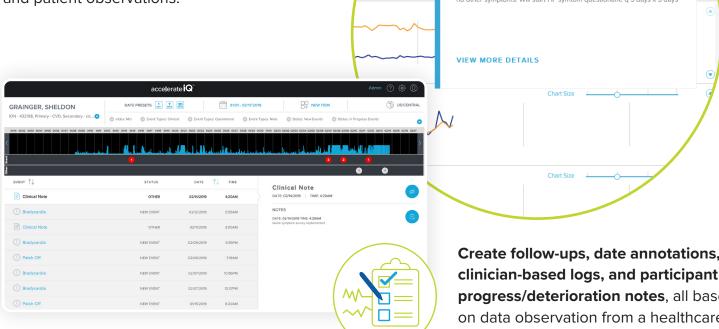
Enter patient-level notes using combined data captured through answered questionnaires, surveys, biosensor data, and patient observations.

### DATE: 02/11/2019 | TIME: 3:00AM

**Clinical Note** 

Noted lower HR, metoproiol increased on 2/08/2019. Pt c/o faturue but no other symptoms. Will start HF symtom questionarie q 3 days x 3 days

Create follow-ups, date annotations, clinician-based logs, and participant progress/deterioration notes, all based on data observation from a healthcare specialist's point of view.



## physIQ's Markers Features

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**Utilize graphical views** showcasing vitals, telemetry signals, identifiers to look at watchlist, notes, and event and time-based detections

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CMERCADIO MARTINICA  **Create individualized progress markers and notes** to identify specific events or self-reported patient outcomes that can help prioritize the need for additional communication, clarification, or study action.

Use date and time-stamped progress notes to define specific events as well as edit and create particular actions and notifications on observed anomalies.

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## **Clinician- Defined Events**

Incredibly advanced and efficient, the results speak for themselves

physlQ's Clinician-Defined Events rules engine allows the researchers to determine what criteria and data types should be used to create an event for their patients, and to be shown within their portal.



## physIQ's Clinician-Defined Features

### **Pattern Detection**

Continuous data collection streams are vigilantly monitored by advanced analytics looking for clinically relevant patterns and measurements. Sensor "noise" or motion artifacts can confound decision making if not properly accounted. The Clinician-Defined rules can be customized to look for persistent patterns and filter out this sporadic noise.





### **Exception-Based Efficiency**

Turn data into actionable insight for escalation to healthcare specialists so they no longer have to continuously monitor patients' vitals.

### **Highly Configurable**

Researchers can designate the rule that is most important for their patient that will trigger an event for review and follow-up.

#### **Persistence-Aware**

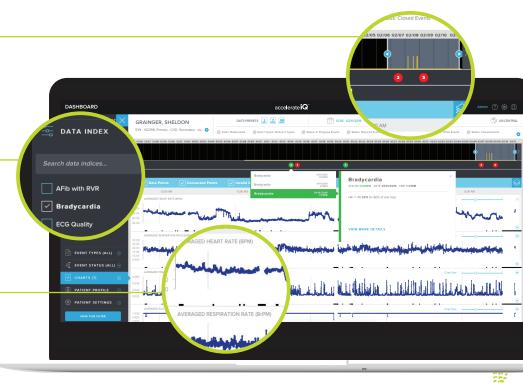
Clinical rules can be designed to require persistence before it becomes an event, saving researchers' valuable time.

#### **Noise Eliminating**

Clinician-defined rules can be designed to consider the time of day, activity level and sleep/wake, and other conditions to zero in on what is clinically meaningful.

### Applied to Any Data Type

We can work with any devices or wearables, along with countless streams of raw data and biomeasurements, so everything is evaluated simultaneously.





#### **Event-Triggered Measurements**

Events can be designed to trigger a triage workflow, specific to approved protocols of the institution. Events can also trigger an acceleratelQ<sup>™</sup> action, like auto-sending a patient a questionnaire obtaining tremendous value in terms of contextual information, for analysis and review by the researcher. This workflow moves through configurable stages, from "new" to "under investigation" to "resolved/dismissed" or "escalated."

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