CoronaCare
Manage and Track Patients for COVID-19
Available on the App Store
Get it on Google play
Download from Windows Phone Store
www.coronacare.io

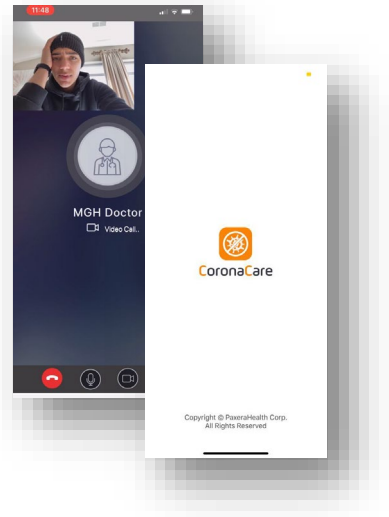
Architecture

CoronaCare

Patients

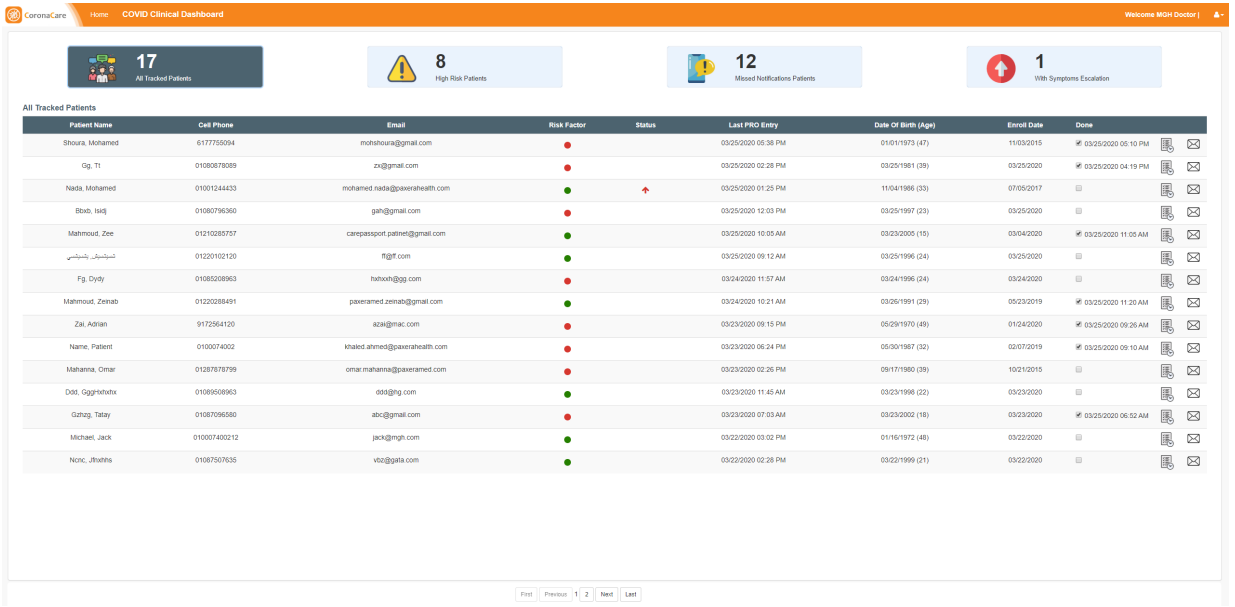
Available on the App Store

Get it on Google play



PROMS reporting
Communication via messaging, call, video

Healthcare Organization



Command Center Tracker
Designed for Call Centers

Application Features: Mobile App

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- Enable patients at home or work to report symptoms back to a healthcare organization's call center via mobile app (iOS and Android).
- Enables patients to register: (1) through a facility-specific QR code, or (2) via an enrollment module using text message/email invite for large scale enrollment.
- One time onboarding process to capture demographics and risk factors.
- Targeted automated reminders (Text, push notifications or emails) for patients to report symptoms.
- Patient to provider communication through instant messages and video chat directly through the app.
- A module available to add tailored education materials as part of the app.
- Patients can retrieve their medical data from their EMRs via the FHIR protocol (currently connected to 2,800+ US health systems) or input their own "patient generated data" to give providers a full scope of their previous and current health data.

CoronaCare Timeline

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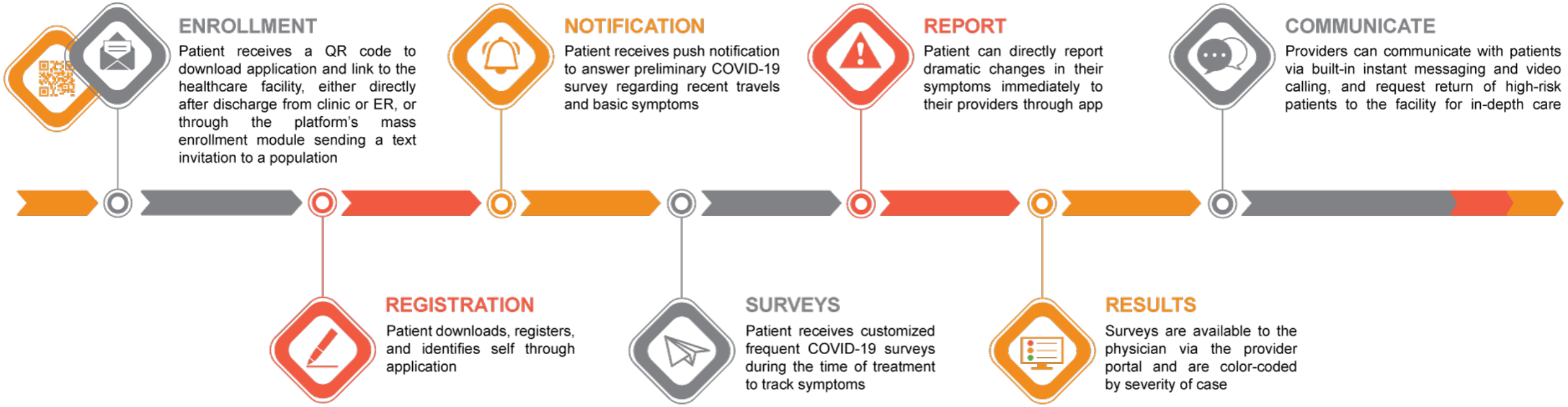

ENROLLMENT
Patient receives a QR code to download application and link to the healthcare facility, either directly after discharge from clinic or ER, or through the platform's mass enrollment module sending a text invitation to a population

REGISTRATION
Patient downloads, registers, and identifies self through application

NOTIFICATION
Patient receives push notification to answer preliminary COVID-19 survey regarding recent travels and basic symptoms

SURVEYS
Patient receives customized frequent COVID-19 surveys during the time of treatment to track symptoms

REPORT
Patient can directly report dramatic changes in their symptoms immediately to their providers through app

RESULTS
Surveys are available to the physician via the provider portal and are color-coded by severity of case

COMMUNICATE
Providers can communicate with patients via built-in instant messaging and video calling, and request return of high-risk patients to the facility for in-depth care

Application Features: Provider Portal

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Call Center Command Center:

- Command center tracker with numerous filters including ones that identify: Patients with symptom escalation, Patients who failed to report symptoms, High-risk patients, and Patients who recently sent messages
- Functionalities to optimize concerted coordination across multiple callers stationed at the call center including:
  (1) Patient record locking functionality to ensure that only one caller is working on one patient at a time
  (2) Patient detailed pages that includes historical data reports along with note taking
- Geo-location maps for high risk and quarantined patients using location services
- Color-coded severity chart presented in the provider Command Center based on an AI algorithm
- An AI-enabled chatbot to help answer frequent questions or redirect to the facilities live person chat
- Track patient location upon filling the questionnaire

Administrative Tools:

- Users and roles management tools
- Tools to manage survey questions

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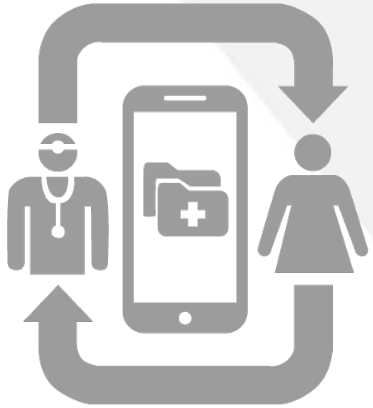
Administrative Portal (Command Center)



For the Facility

Administrative Portal

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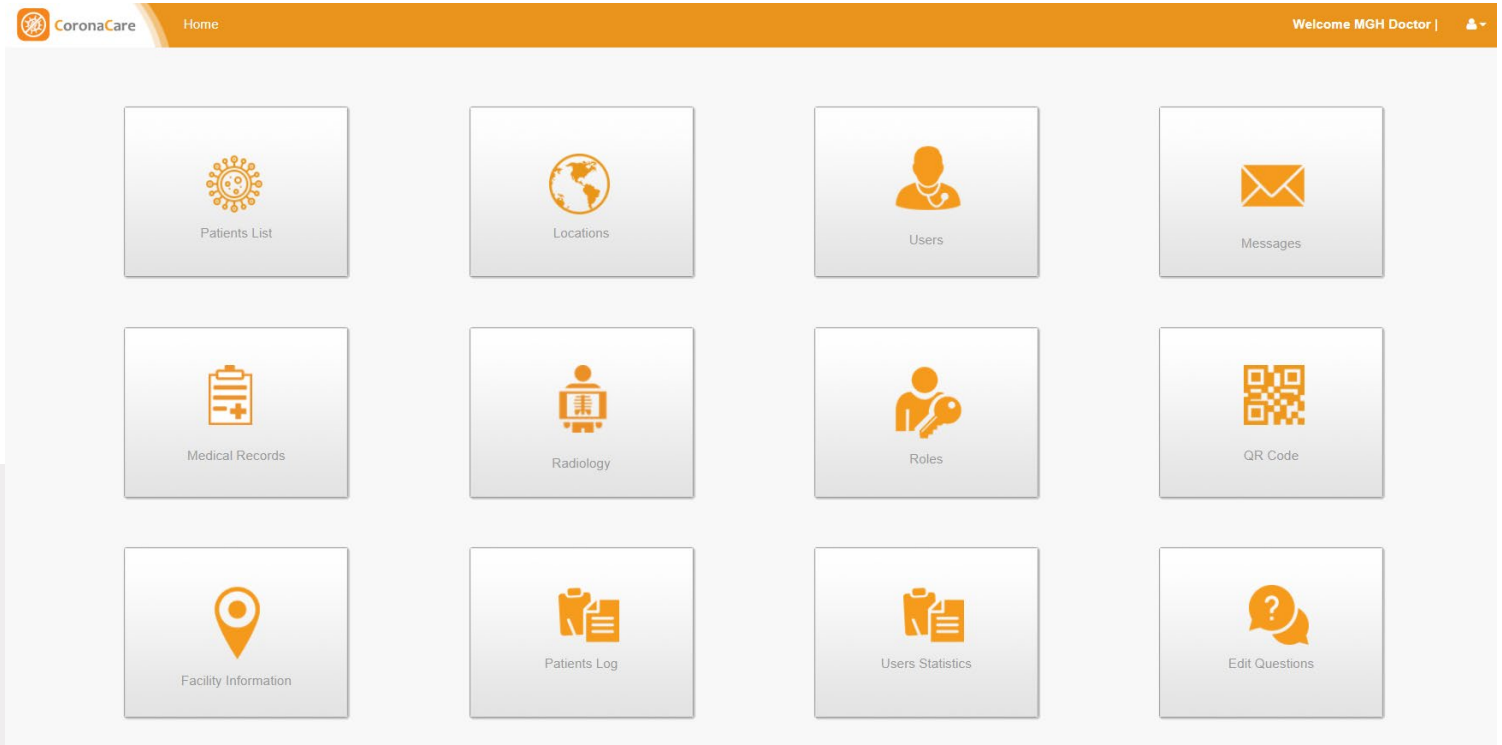
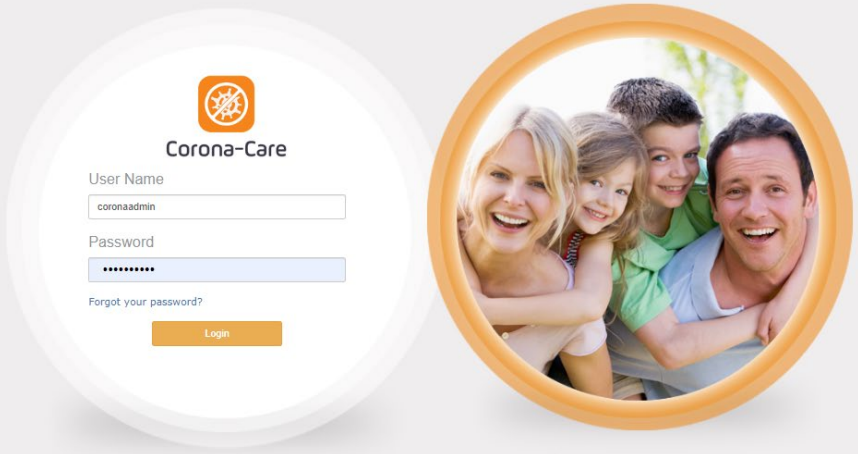
Key features:

- Tools to register new callers
- Manage and edit app questionnaires
- Tools for bulk email to get patients to sign up
- Location mapping for patients and population





Command Center

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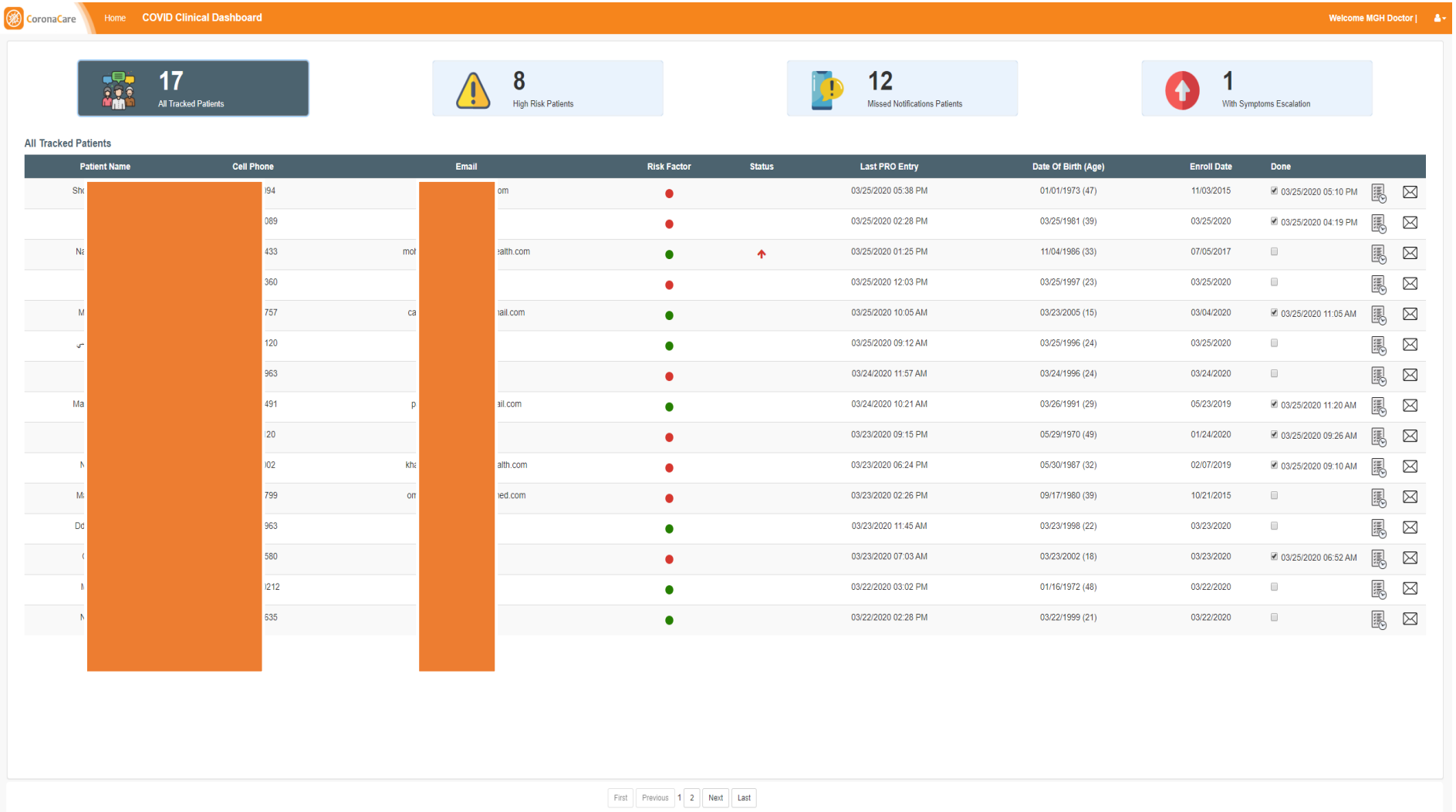

Key features:

- Filters
- Record locking to ensure only 1 caller is working with 1 patient at a time
- Messaging

Command Center: Patient Detailed Page

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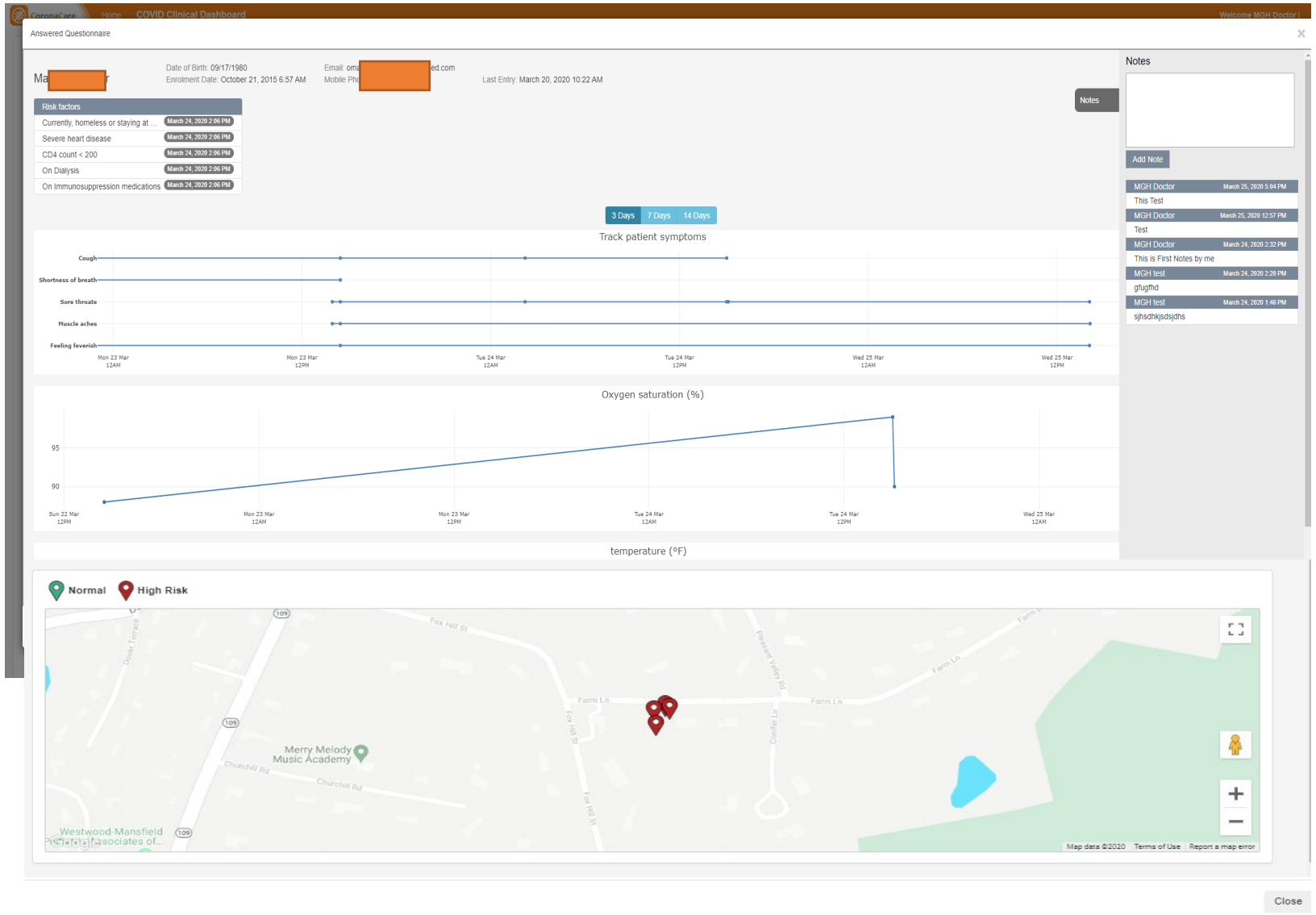

- Notes capability
- Risk factor identification
- Symptoms tracking
- Patient location tracking within the isolation zone (if any)

Population COVID-19 Maps

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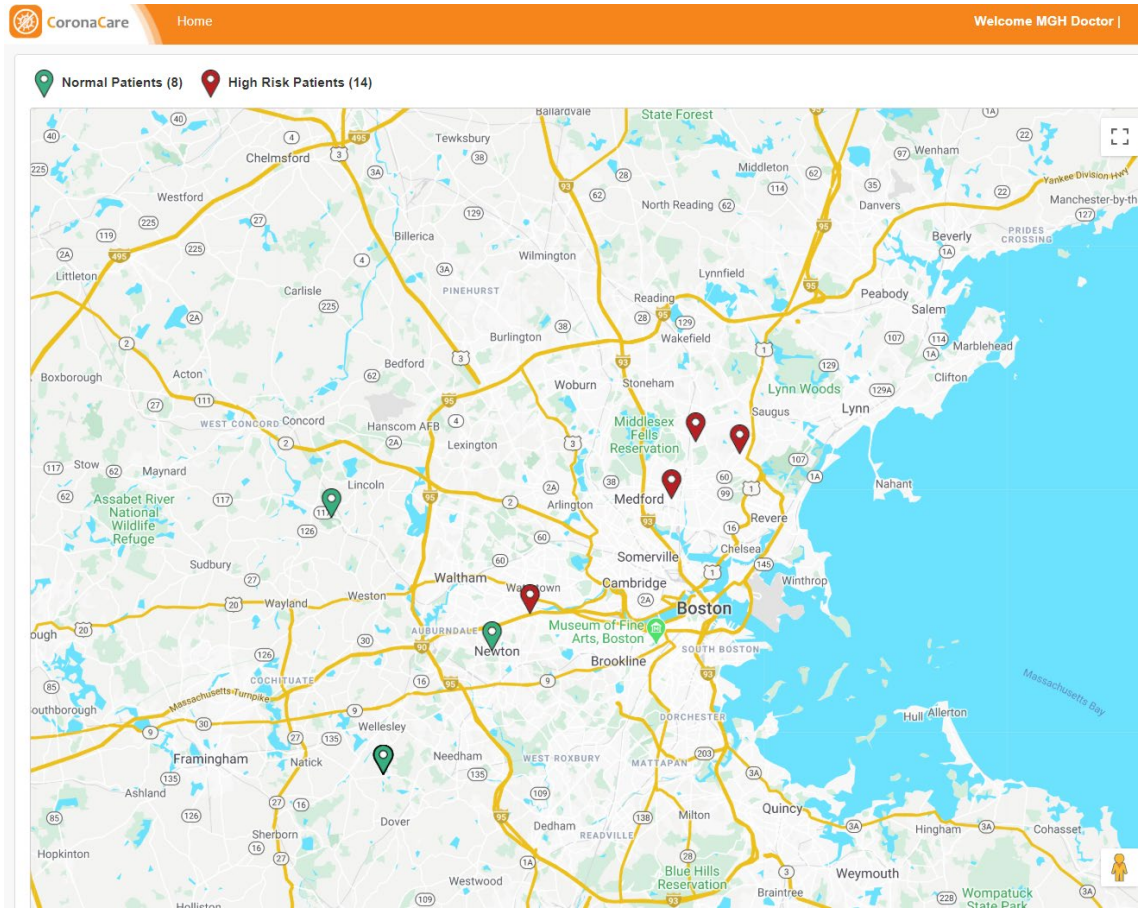

- Maps high risk and low risk patients
- Identifying patients outside their isolations area

Patient Registration

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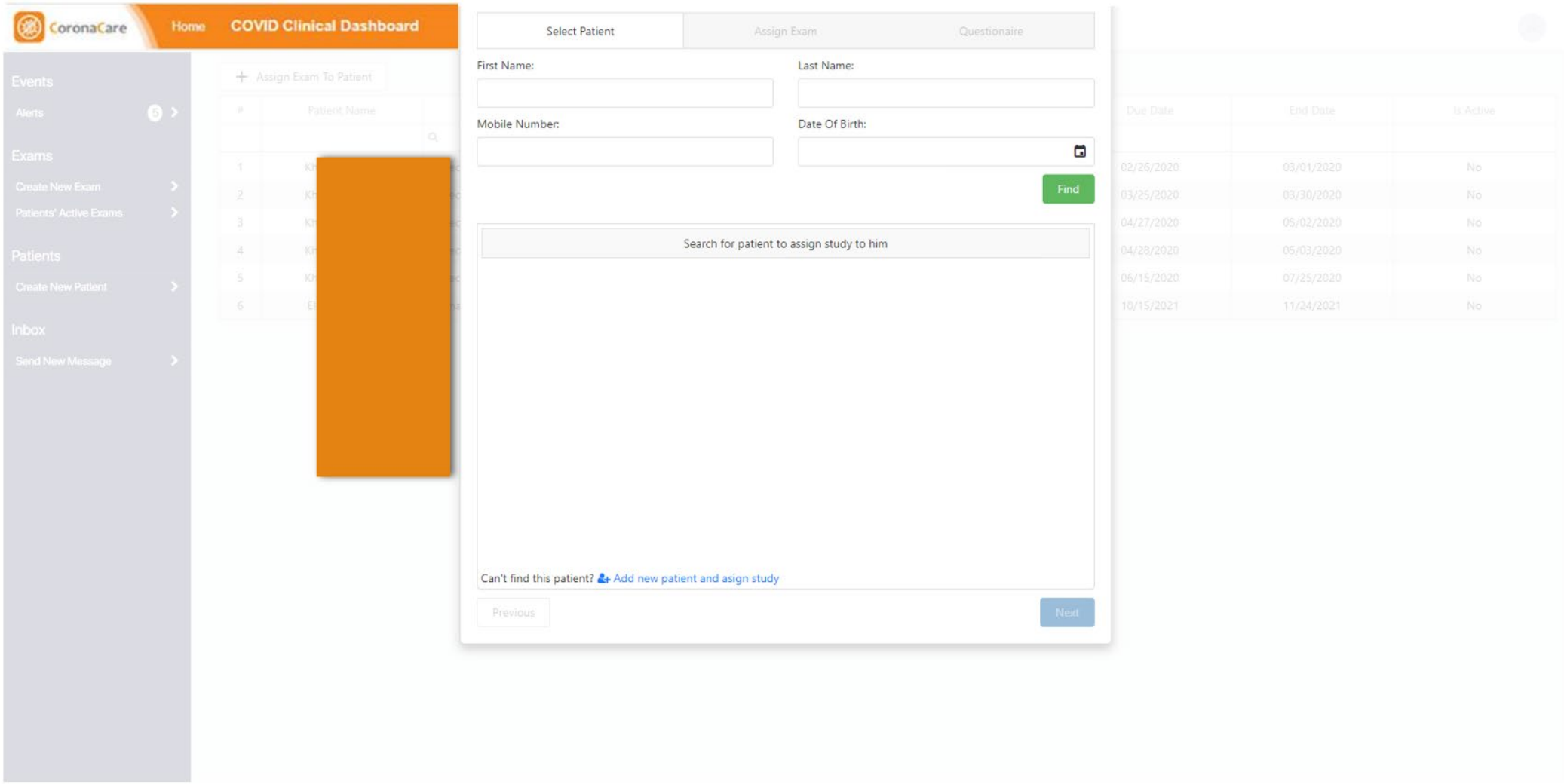

Search Result – Registration

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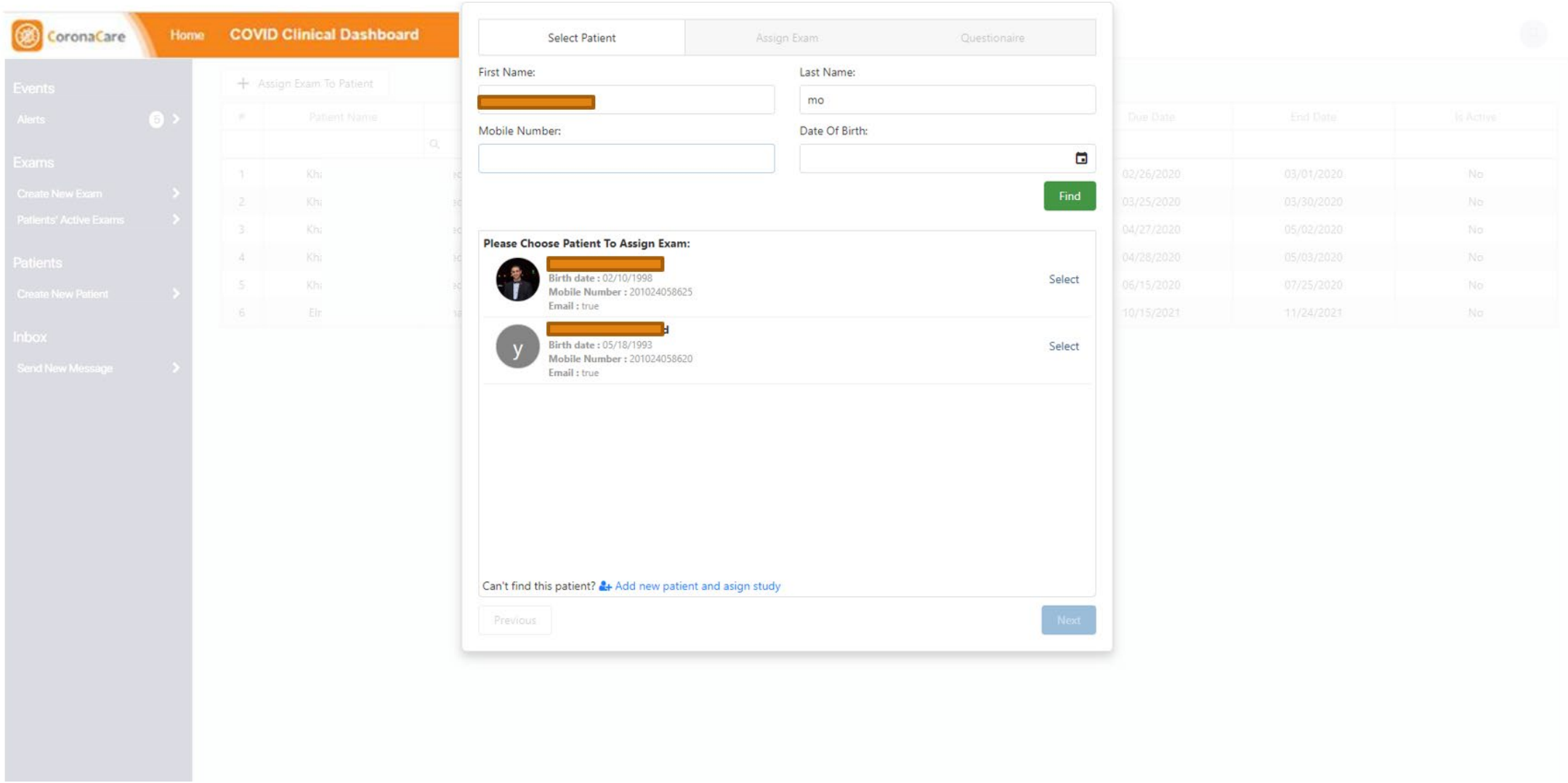

Patient Enrollment and Bulk Messaging

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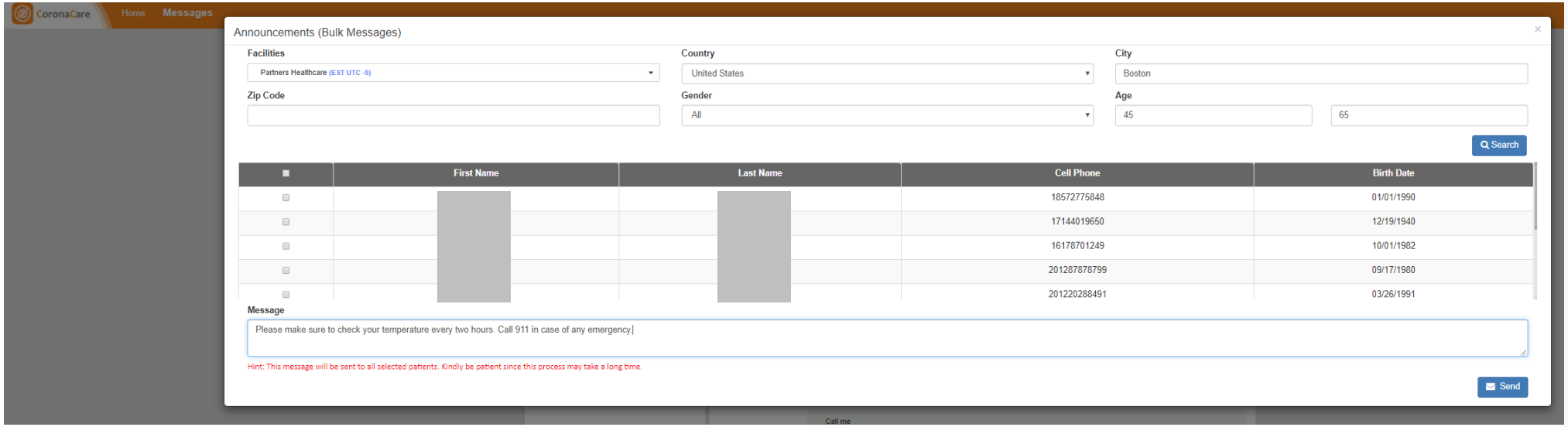

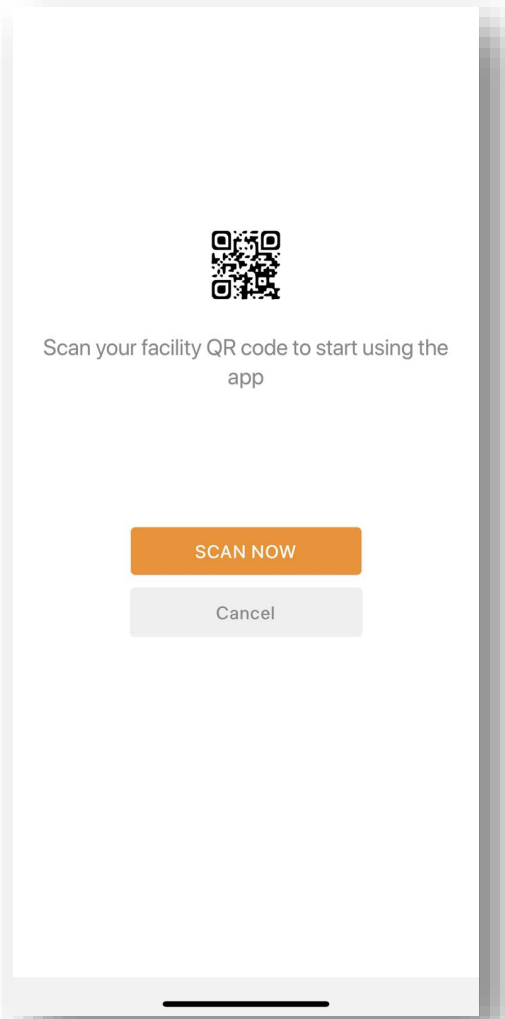

Assigning Questionnaires

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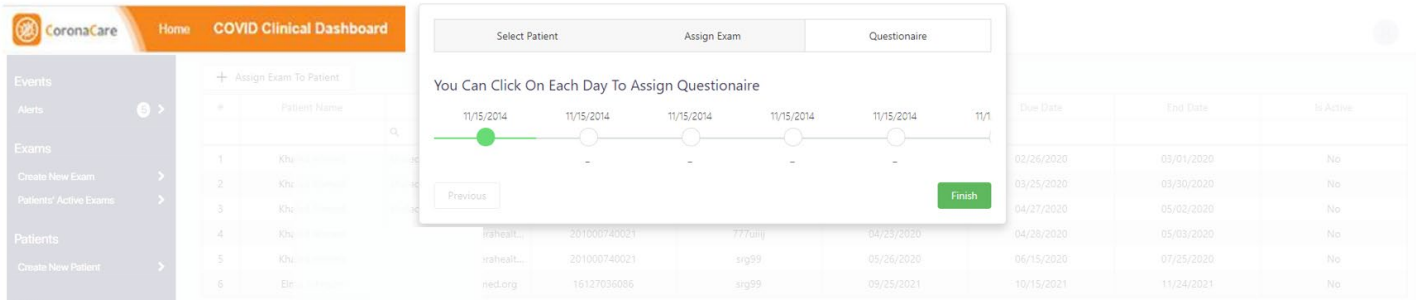

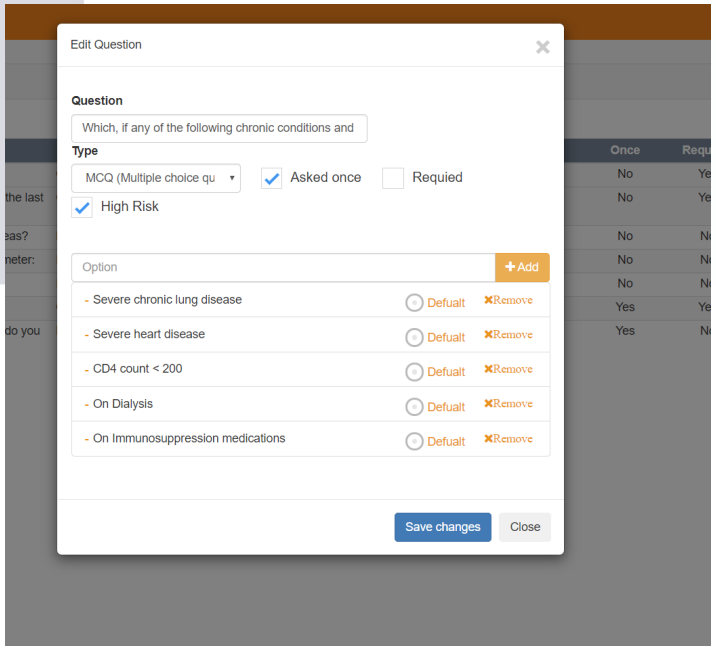

COVID19 Questions

Symptoms | Add

Question	Question Type	Choices	Defualt Choice	Once	Required	Risky	Edit	Delete
Are you currently pregnant ?	OCQ (One choice question)	Yes,No,Not applied	Not applied	No	Yes	No	Edit	Delete
Have you had contact with anyone with confirmed COVID-19 in the last 14 days?	OCQ (One choice question)	Yes,No,I'm not sure	I'm not sure	No	Yes	No	Edit	Delete
In the past 14 days, have you traveled to any of the following areas?	MCQ (Multiple choice question)	China,Iran,Europe,South Korea		No	No	No	Edit	Delete
Please enter your O2 sat number if you were given a Pulse Oximeter:	Fill in			No	No	No	Edit	Delete
Please enter your temperature (°F) if you have a thermometer:	Fill in			No	No	No	Edit	Delete
Which of the following living conditions apply to you?	OCQ (One choice question)	Living in a long-tram care faci…	None of the above	Yes	Yes	Yes	Edit	Delete
Which, if any of the following chronic conditions and treatments do you have or use on an ongoing basis:	MCQ (Multiple choice question)	Severe chronic lung disease,…		Yes	No	Yes	Edit	Delete

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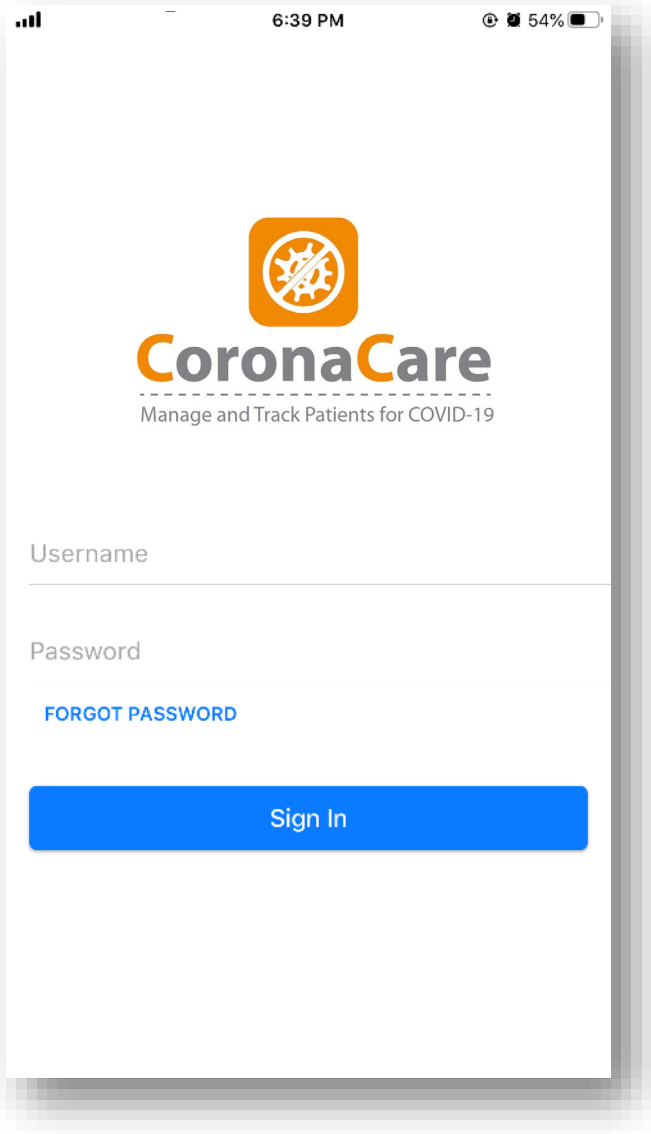
Mobile Application

For the Patient

Login



Sign-on to the app is Touch ID enabled

COVID-19 Survey

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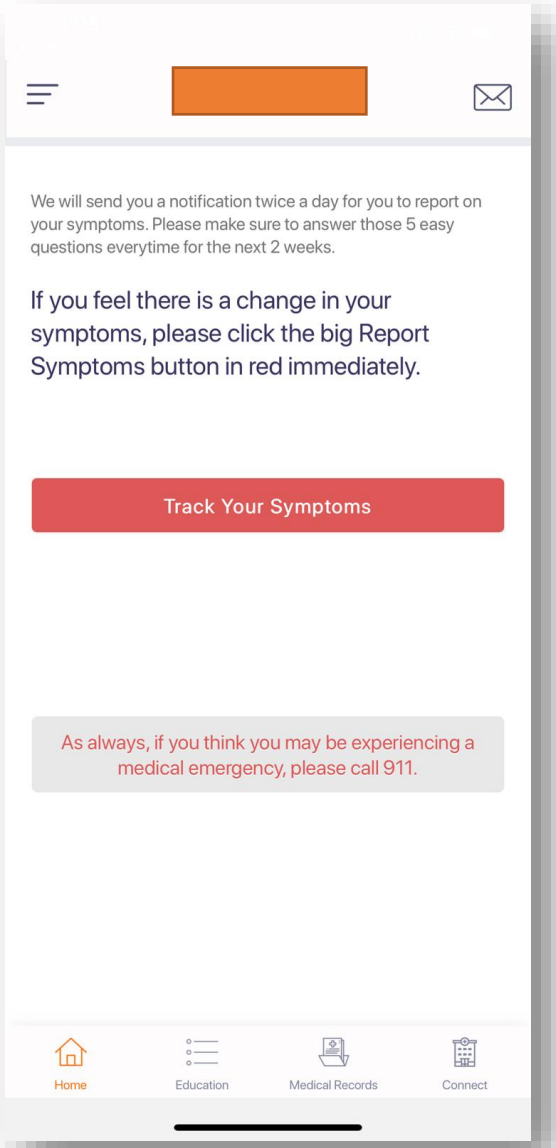
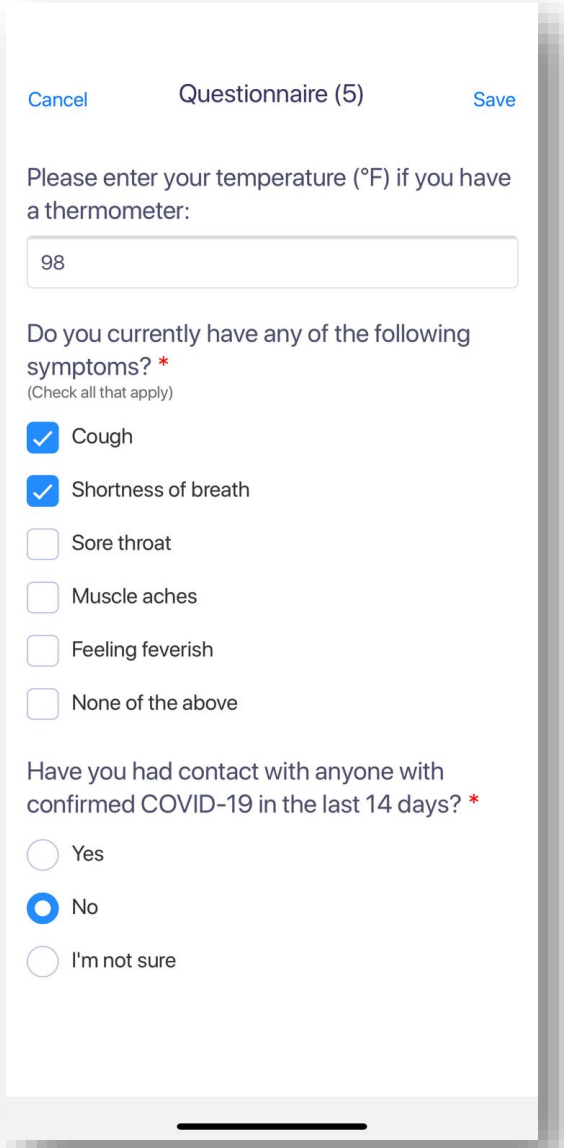
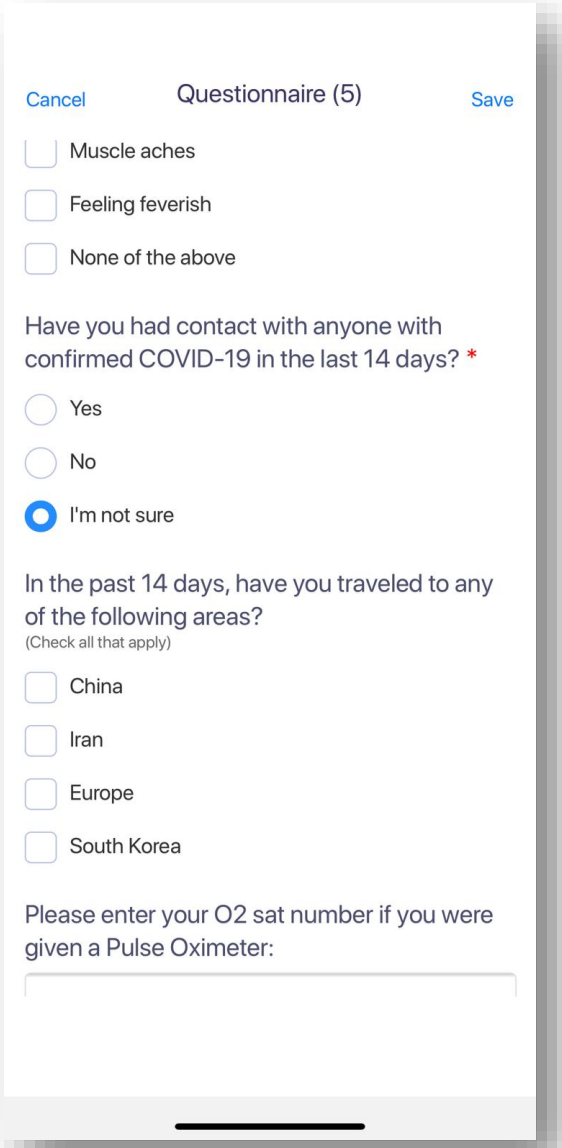
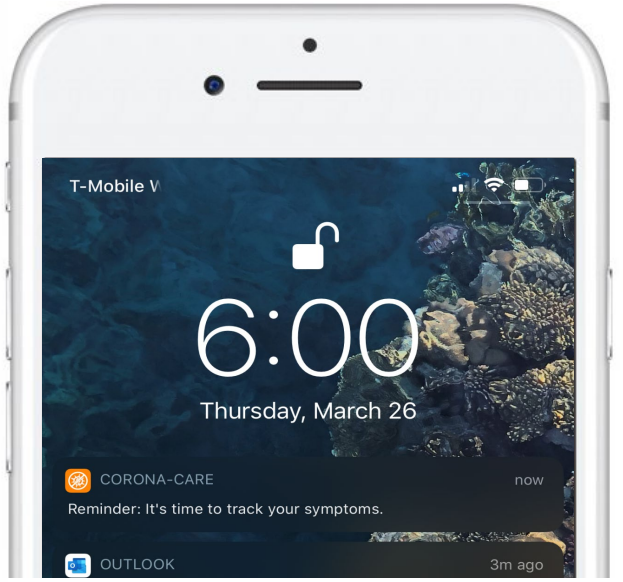






Questions and notifications can easily be edited in Administrative Tools



Messaging / Video Calling

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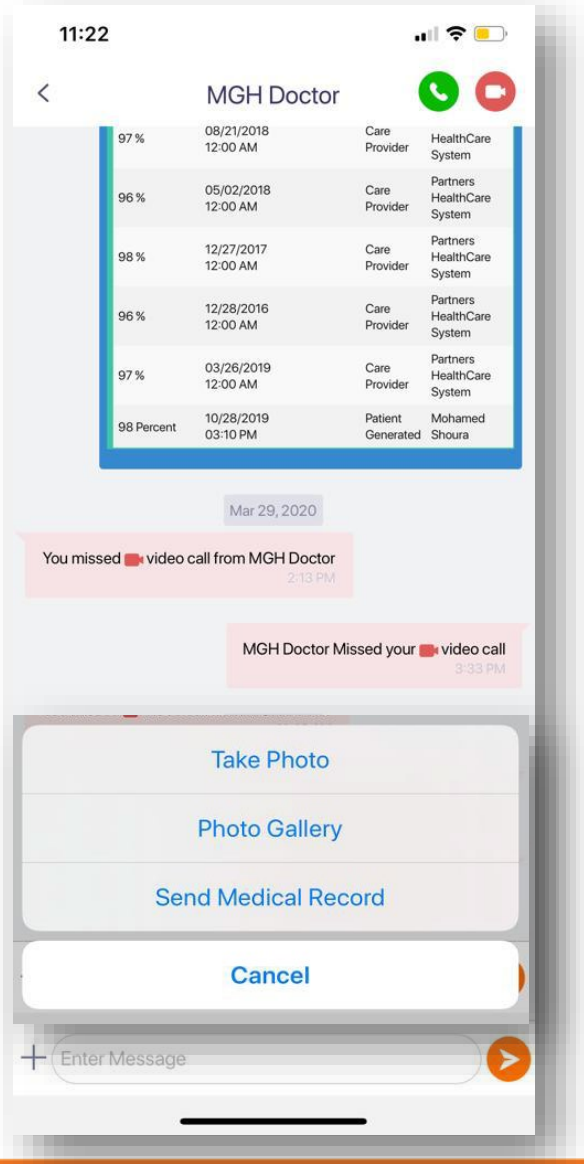

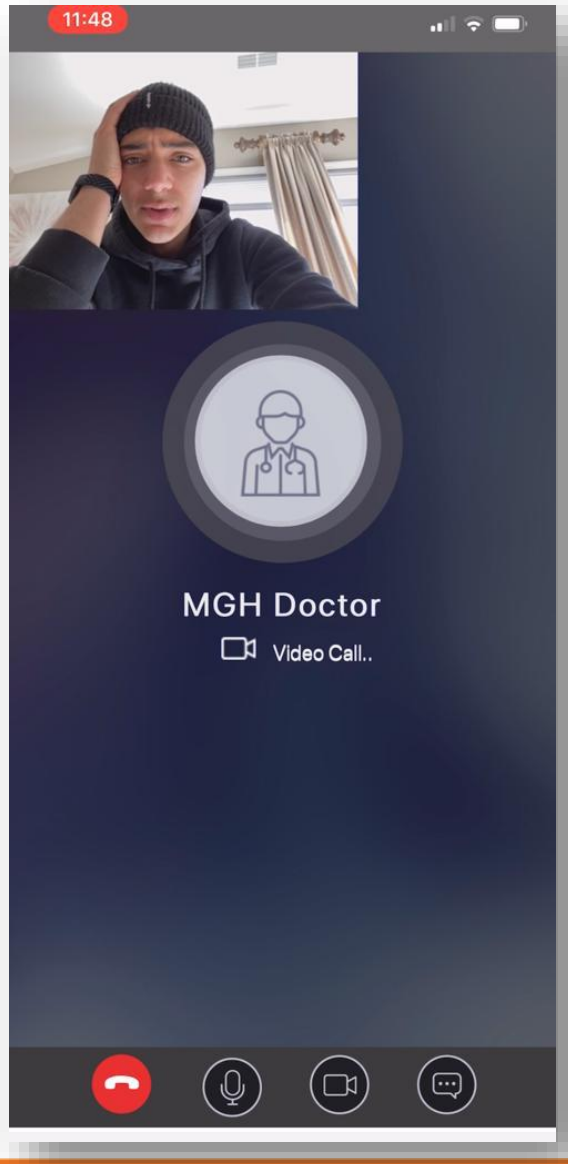

Connecting to Healthcare Data via FHIR

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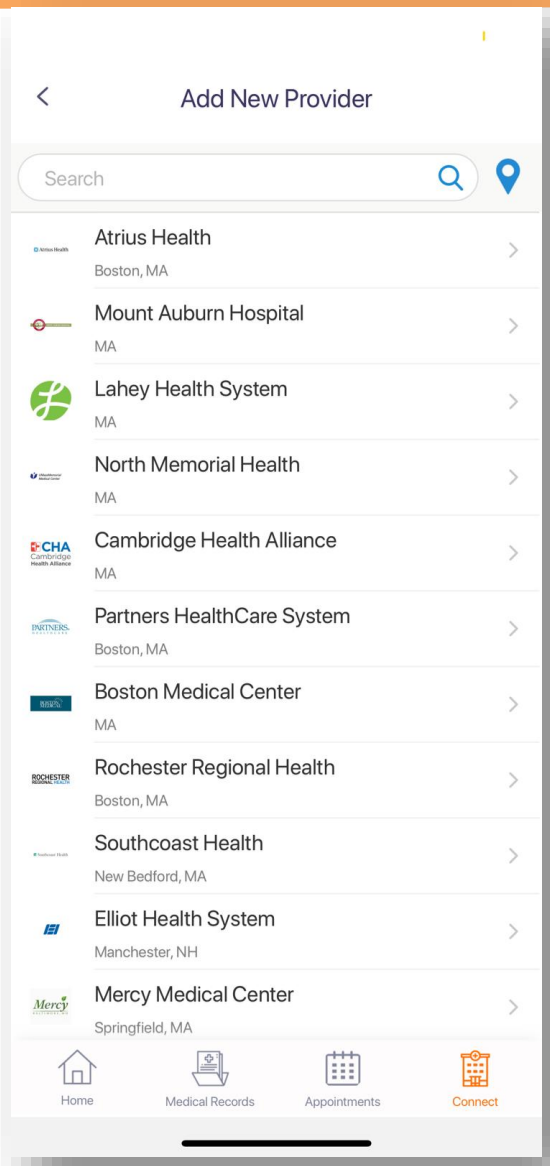

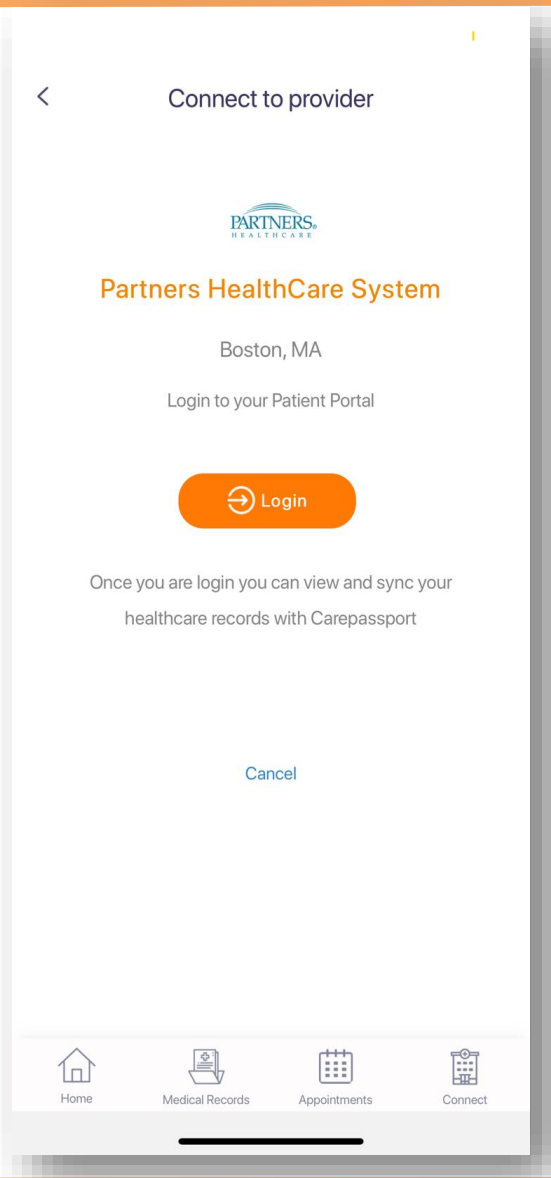

Connected to more than 2800 Health system from EPIC, Cerner, Athena, etc. via FHIR end points

Patient Profile and Dashboard

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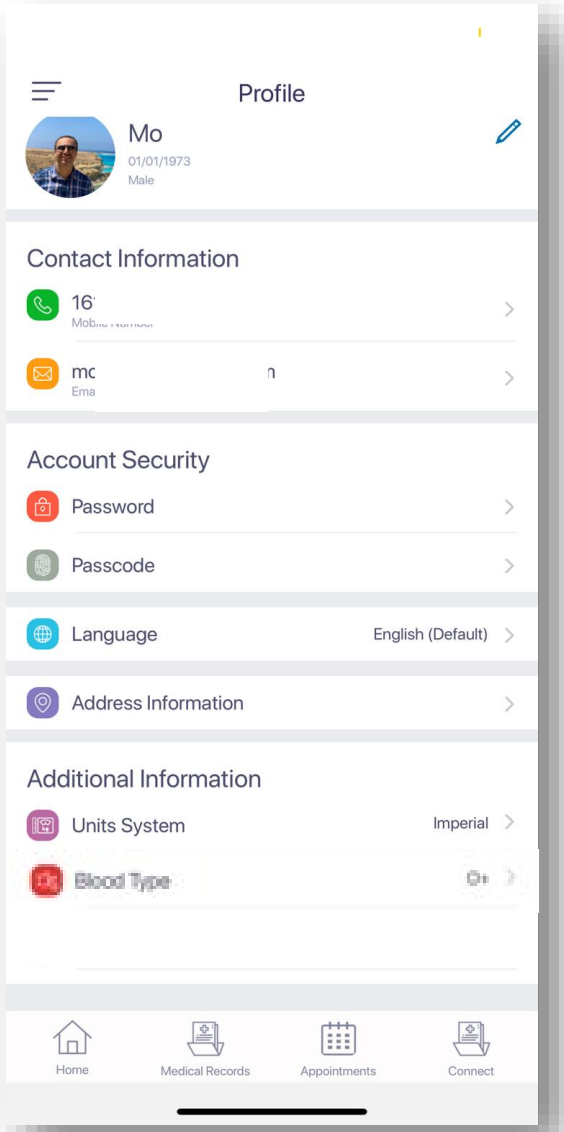

Questions?

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Contact us to learn more about what Savvy Tech Solutions can do for you:

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