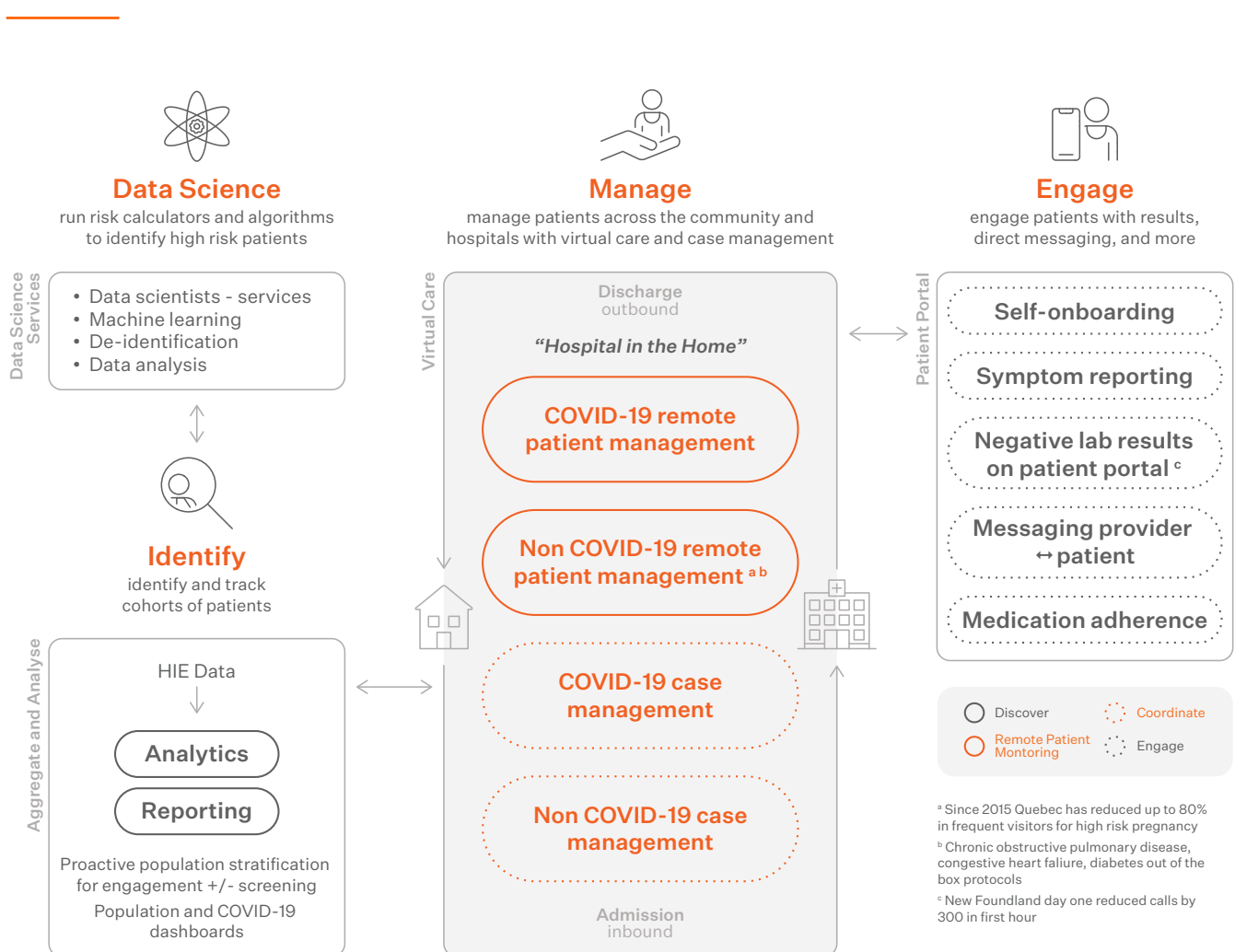


Outbreak Management Solution

A comprehensive virtual care solution to assess, manage and monitor patients at home to alleviate demand across the healthcare system.



About

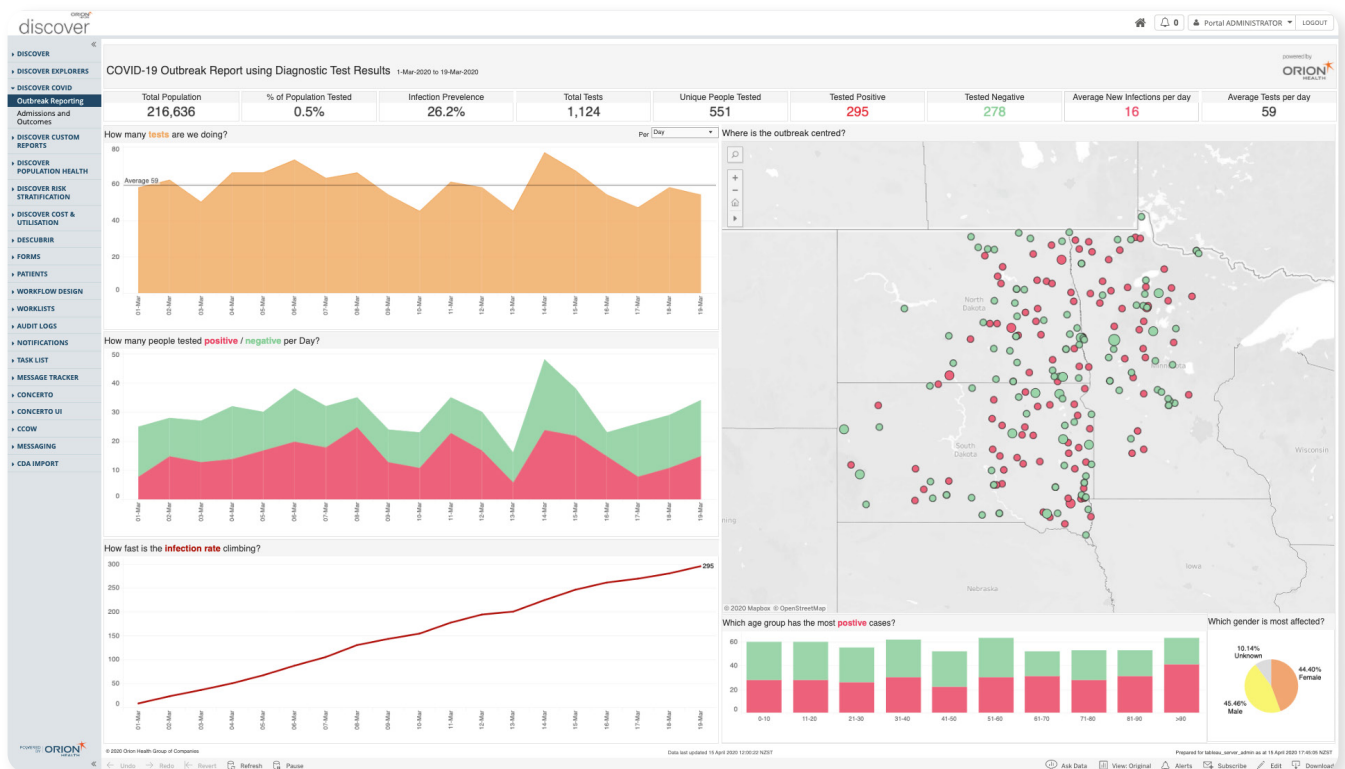
Globally, healthcare providers are turning to virtual tools to address the impact of COVID-19 on health systems. Health systems are facing not only increased load from COVID-related concerns, they also must continue to manage their existing care obligations from inpatients, outpatients and those they manage in the community. Across the board, every facility and service modality, including hospitals and hotlines are experiencing unprecedented demand on top of an already struggling baseline.

Existing models of care entrenched around face-to-face consultations are rapidly being replaced by telehealth service models. Telehealth helps reduce the key public health concern of disease transmission, but still these telehealth models still do not fully optimise the productivity of our health system resources, already overwhelmed due to the COVID-19 outbreak.

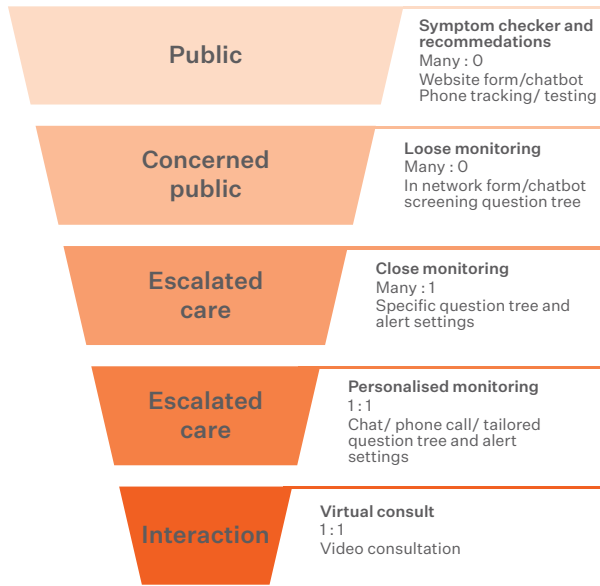
Orion Health's Outbreak Management Solution not only optimises clinical productivity by automation and patient empowerment but also contains modules required to support, supplement and expedite the shift to virtual care.

The solution includes:

- Remote patient monitoring for COVID-19 patients
- Remote patient monitoring for key chronic conditions
- Case management for COVID-19 patients
- Case management for Non-COVID-19 patients
- Patient symptom checking
- Patient self-registration portal for simple onboarding
- Patient Portal with:
 - Covid-19 results notification to patients
 - Two-way messaging, supporting telehealth
- COVID-19 case report forms for national reporting
- Reporting through dashboards for COVID-19 and other systems
- Population stratification using analytics
- Progress notes for clinical documentation
- Medication prescribing and adherence
- Data Science as a service to help identify at-risk cohorts



Inbound healthcare ecosystem - step up



Identify

The use of data science allows providers to identify and curate lists of patients – both COVID-19 negative and positive – who would benefit from active monitoring or care, as well as tracking their ongoing progress.

Providers can use this element to maintain the visibility of patients who are presenting symptoms or those concerned they may have had exposure to the virus. Providers can complete proactive identification of high-risk patients from existing HIE data.

Reporting dashboards allow providers to track and display the status of COVID-19 cases and report back to interested parties.

As data is captured and new information is learnt, algorithms can be run to further identify at-risk patients and then deployed and embedded into clinical practice.

Manage

Our Virtual Care offering allows clinicians to proactively monitor individuals using tools such as: one-to-one consultations, tailored question trees, forms, and symptom-checkers – in a streamlined and coordinated way.

The solution enables a safety net for providers to actively engage and manage patients at a level appropriate to their condition before they enter the hospital (inbound), and continued engagement with those being sent home (outbound) or already known to the service as outpatients.

Clinical protocols manage both COVID-19 and non-COVID patients with long-term conditions by sending digital symptom questionnaires directly to their patient portal for completion. Once a patient responds, automated rules triage and stratify them by defined and individually tailorable risk thresholds; subsequently surfacing these patients as low, medium or high risk within the clinical system.

The health system can now manage and focus on the most at-risk and reserve the need for one-on-one phone calls or consultations for those individuals who most need them, as well as ensuring visibility over imminent service demand.

Some patients do not have their own internet capable devices and still need telephone contact. Our case management module provides clinicians the tools to manage this cohort of patients.

Engage

Patients are onboarded into a web-based patient portal via invitation or self-onboarding process.

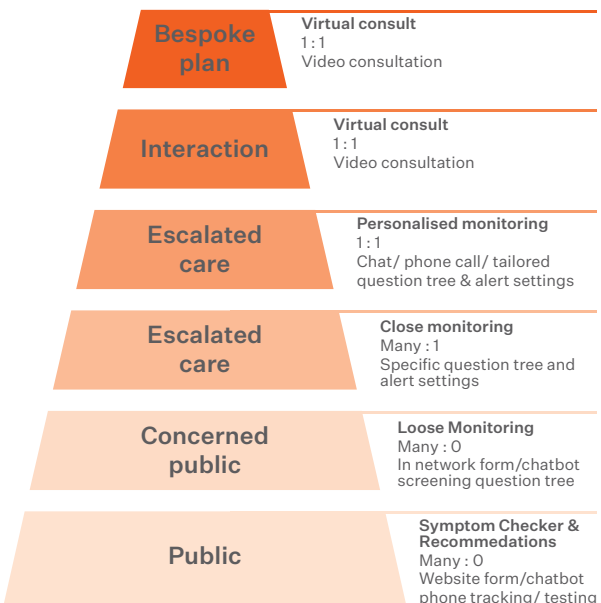
Healthcare providers can communicate directly with their patients to provide negative test results; reducing the burden on healthcare workers who have been telephoning patients – sometimes up to 300 calls per day.

Our solution allows patients to self-manage their COVID or non-COVID condition with alerts and reminders for daily updates on their symptoms and automated feedback as appropriate. Clinicians can engage with patients through secure, two-way messaging. Allowing patients to contact their care providers if required.

Outbound healthcare ecosystem - step down



Congestive heart failure, chronic obstructive pulmonary disease, and diabetes outpatients



Benefits



Easily identify at-risk patients and coordinate care plans for timely patient support.



Send test results via Patient Portal to reduce need for phone calls.



Reduce the load on the health system by allowing one clinician to treat many patients with automated workflow based on clinical protocols.



Organise and manage workflows with care teams on a single collaborative platform.



Monitor patient vitals, signs and symptoms at home via digital questionnaires.



Enterprise grade software rapidly deployed to realise value quickly.

Future-proof your journey from Population Health to Precision Medicine.

Safely assess, manage and monitor as many patients as possible at home, freeing up hospital resources for the high risk and chronically ill.

[Find out more at orionhealth.com](https://www.orionhealth.com)

