Better Decisions Save Lives

Proven enterprise class forecasting for confident decision-making

As the world's healthcare providers, businesses, and public health policymakers struggle to manage the impacts of the coronavirus crisis, they need powerful, proven platforms that can support complex, potentially life-saving decisions.

Scarsin designed its Covid-19 solution with a focus on the real-world decisions public health, hospitals and businesses will be making in 2020 and 2021.

This powerful, proven platform supports scenario development and decision-making for a number of transmission considerations, including:

- How many potential infections would be reduced by a mandatory mask order?
- How can we minimize the impact in congregate settings?
- What is the impact of work commuting to nearby health regions?
- What contact and quarantine capacity do we need to meet future demand?
- Which school opening scenario is safest?
- What will be the impact of imported infection when international travel is reopened?
- How will various vaccination scenarios impact our region?
- What are the supply chain implications of different scenarios?

Non-Pharmaceutical Interventions (NPIs)

- Travel Importation
- Closures
- Long Term Care, Shelters
- Use of Masks
- Social Distancing
- Infection & Antibody Testing
- Contact to Quarantine

COVID-19 Disease

- Asymptomatic & Symptomatic
- Disease Severity
- Recovery, Hospitalization, Deaths

Pharmaceutical Interventions (PIs)

- Vaccinations
- Treatments

Reduce Transmission

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Public Health Model

Age - Living Status Compartmental ODE

(SIEVASTHRD)
Susceptible
Imported
Exposed
Vaccinated
Asymptomatic
Symptomatic
Tested
Hospitalized
Recovered
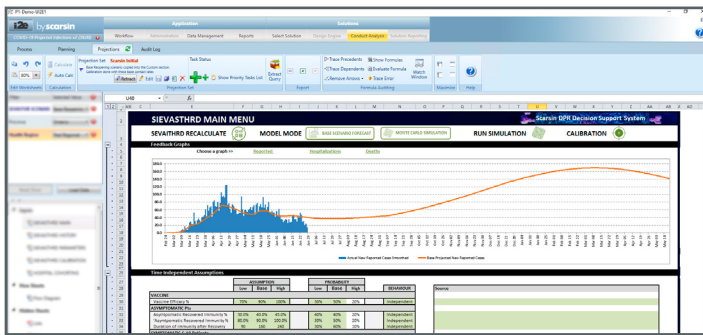**D**eceased

Hospital Cohort Model
- Patient Bed Progression
- ICU & Equip. Utilization
- Drug Treatment

Scarsin's Covid-19 software as a service (SaaS) platform brings disparate data into a single environment for rapid scenario modelling and insights in a user-friendly web dashboard. It is ready to provide healthcare decision makers strong benefits, today.

- Increase diagnostic & predictive insights
- Improve collaboration
- Increase planning time horizon

- Improve forecast scenario capability
- Better understand & mitigate risk
- Enhance decision-making abilities

Ideal for
- National and international public health agencies
- Provinces/states in collaboration with health regions/counties public health and hospital decision makers

Images for illustration purposes only.

Let us support your
pandemic decision-making

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