



WATCH YOUR
HEALTH

Respiratory Health Unbound

Global burden of respiratory disease

**550
Million**

Patients with
Respiratory
Diseases*



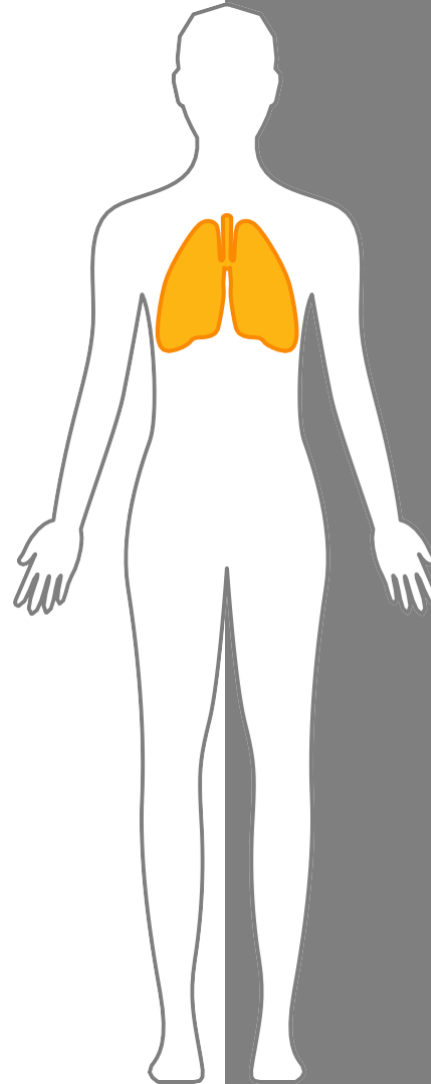
**1 in 8
deaths**

Attributed to
Respiratory
Diseases



**7 Million
deaths**

Caused by
Respiratory
Diseases



Our challenge is the
inability to **screen,**
diagnose and **monitor** lung
health at scale, in real-time.

Unbind Respiratory Healthcare



Unbind from Location

Compared to traditional diagnostics, Watch Your Health and its counterparts remove the dependence on laboratory locations and associated travel. With Watch Your Health, one can now do the assessments from any preferred place.



Unbind from Equipment

For respiratory patients, it is imperative that the doctor/physician conducts the necessary diagnostic tests using heavy equipment. Using your mobile or tablet and mic+steth, one no more needs the spirometer.



Unbind from Technician

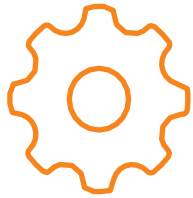
A spirometry not done properly has adverse impact on the patients and hence always needs to have a trained technician for the test. In Watch Your Health, patients and their friends & family can conduct its easy test.



Unbind from Appointment

Reaching the lab on time and confining to an appointment is an age-old method. Today, everyone who has a mobile phone can do the detailed assessment not just anytime, but multiple times a day.

Challenges in current process



Complex Assessments

Tests are lab-driven and requires trained staff and visits to hospitals



Expensive

Each test incurs a cost of approx. USD 1000 for individual, insurance or health systems



Reactive

Action only on realizing worsened respiratory symptoms and heightened risk

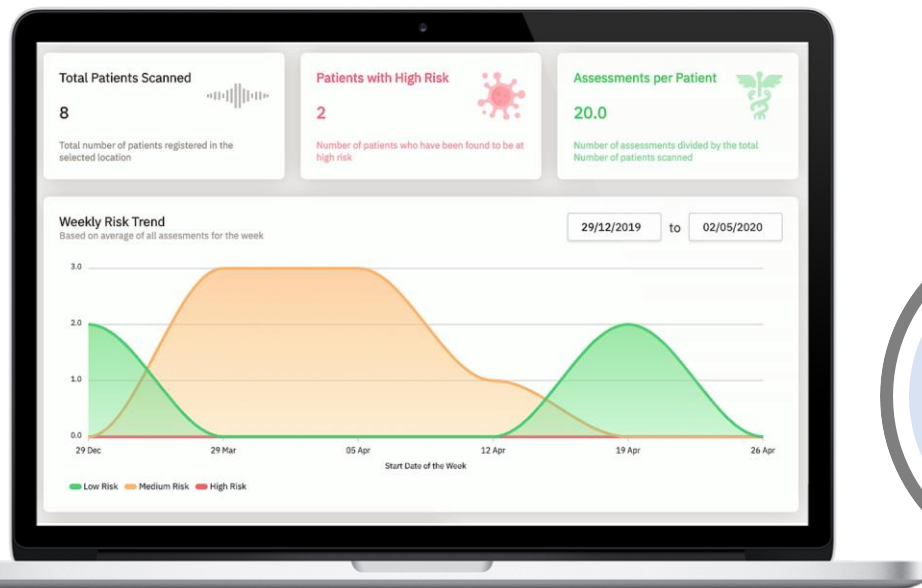


Limited Self-care

Extremely dependent on doctors plus unavailability of doctors in remote locations

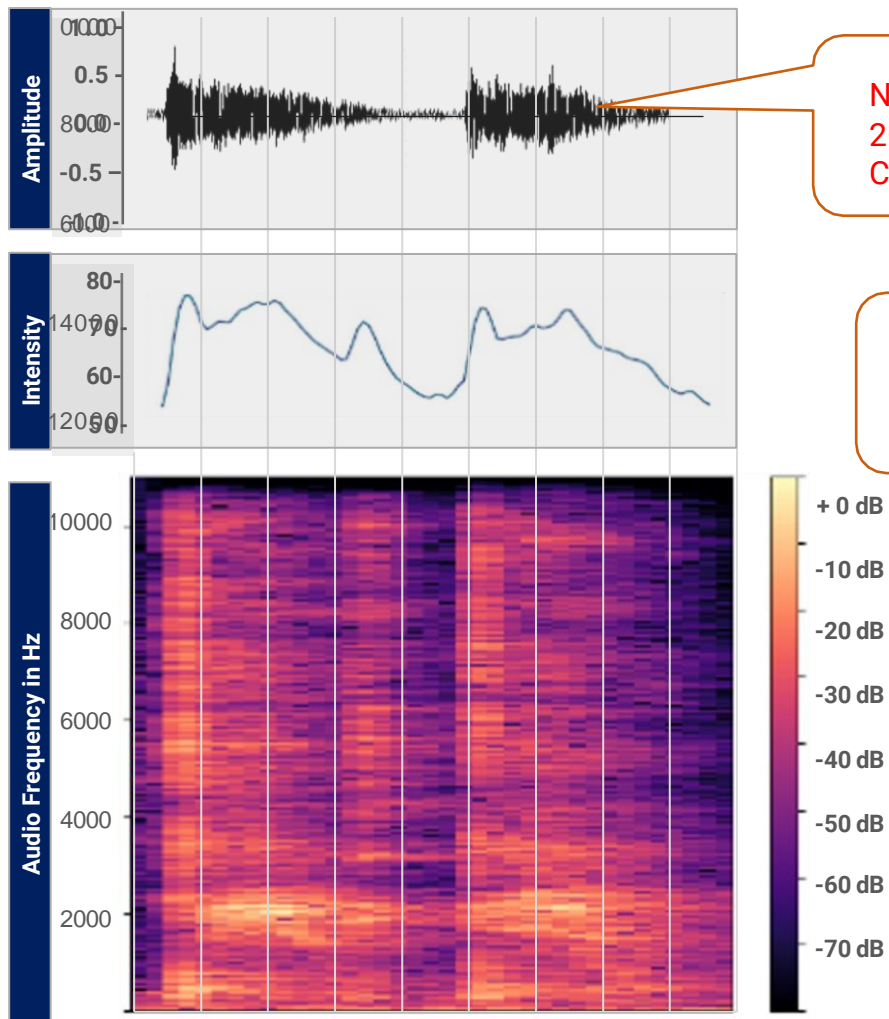
WatchYourHealth value proposition

Easy and cost-effective tests to reach larger population at a much higher frequency of testing.



Disease signatures

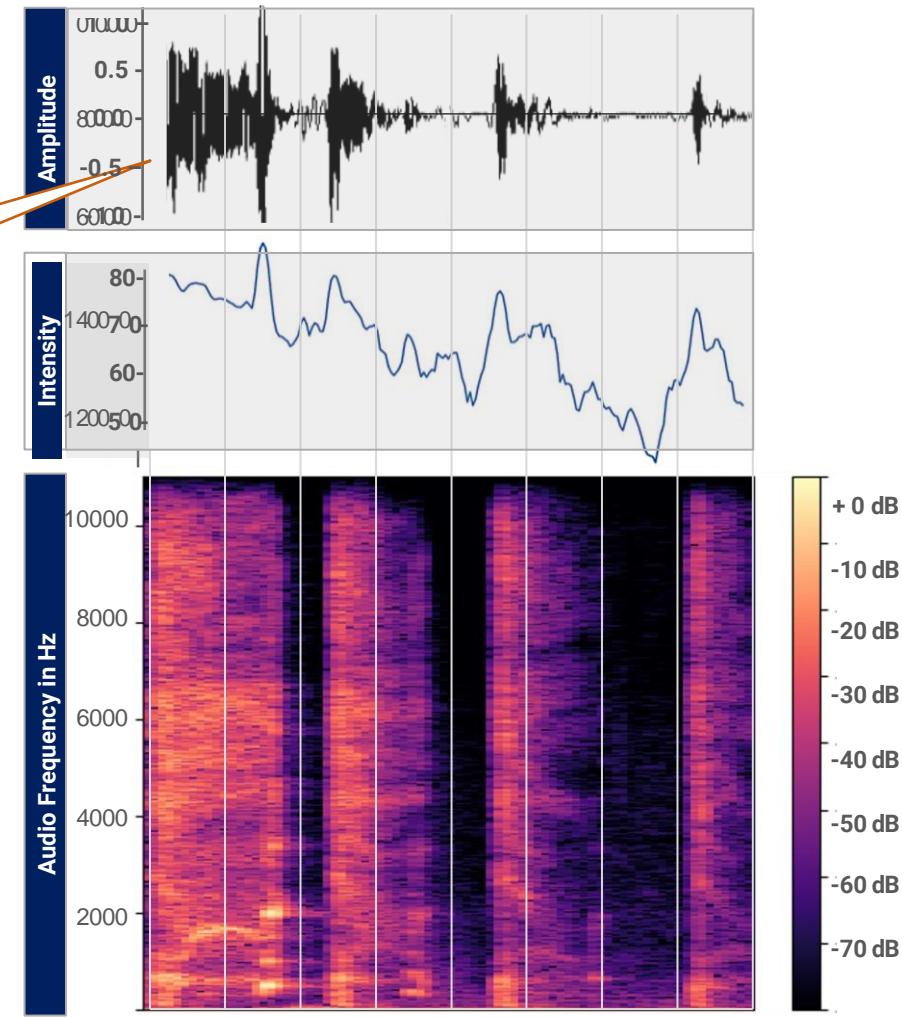
Asthma



Narrowed airway
2-3 bouts of strong cough
Constant energy within a bout

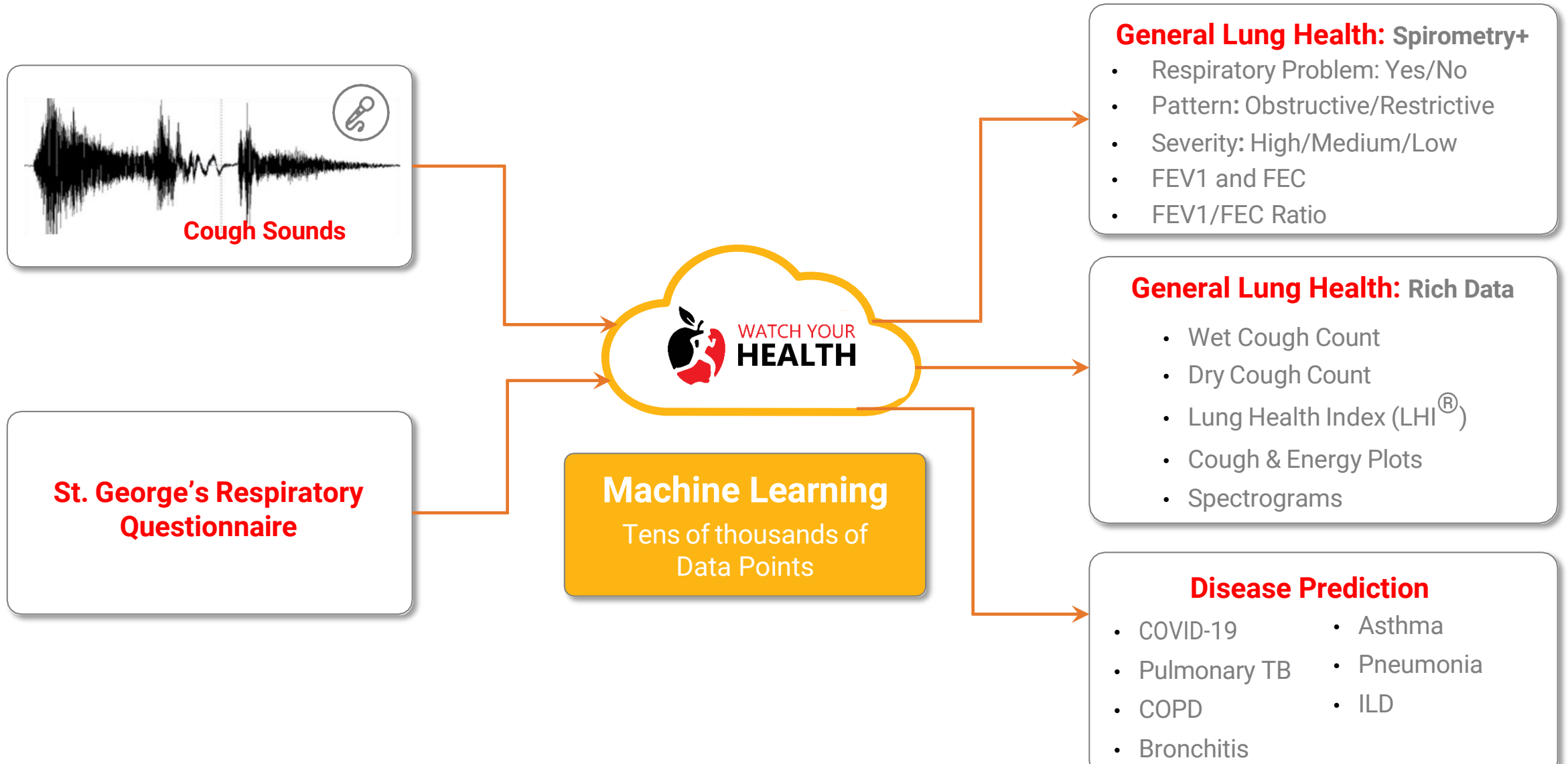
Fluid-filled lungs
Lower portion of the lungs
Multiple repetitive weak coughs.

Pneumonia



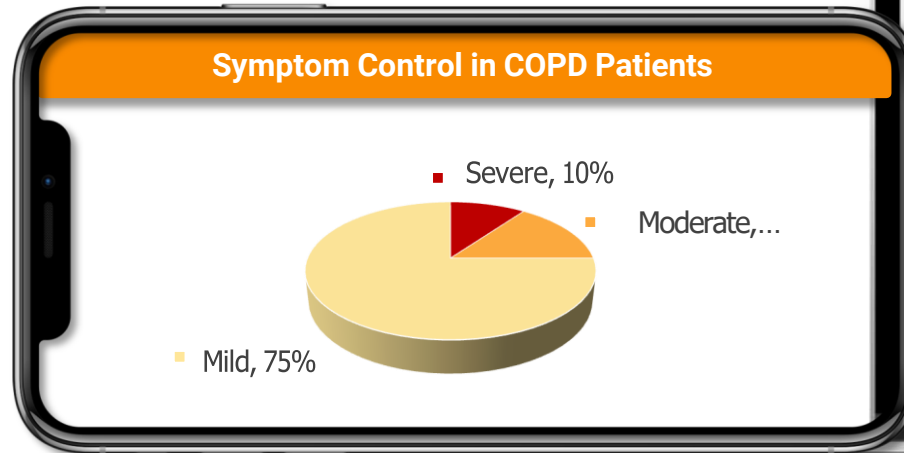
What's under the hood?

Audiometric Analysis using Machine Learning



Patient Longitudinal View

- ▶ Statistics
- ▶ Profiles & Reports
- ▶ Longitudinal Data
- ▶ Differential Diagnosis



Patient Reports

The reports generated for patients and accessible to doctors and medical practitioners to help for their assessment and diagnosis.

Respiratory Sound Analysis Report

Profile

Patient ID:	Time:
+918310142752	2022-05-05 06:30:29
Record ID:	Age:
1614d3fa2ecd4418a176e673a58d2036	29
Name:	Gender:
vaishak	Male

Lung Health Risk Index



LOW RISK

Predictions

Risk:
Low

Pattern:
Normal

Advice:
Your results indicate low risk. You may take the assessment again at your convenience or if any of your symptoms change.

Severity:
Normal

Lung Health Index:
3



Signal Characteristics







Cough Record Duration:
00:00:00

Dry Cough Count:
0

Cough Count:
0

Wet Cough Count:
0

Symptoms

 Frequent Cough: No	 Cough at night: No
 Sputum: No	 Wheezing: No
 Shortness in Breath: No	
 Pain in Chest: No	

Consent

By accepting this report, I Vaishak confirm that I have voluntarily provided my information and the cough sample and consent to its usage and storage by Salcit. I understand and agree that this is an indicative assessment and not a definitive diagnostic test. I consent to all the terms and conditions articulated in the use of the Swaasa system and I acknowledge that I am aware of all the terms, conditions and limitations of the systems and I accept and agree to them.

Key Features

