

Genetic insight about
your cardiovascular health

SAFE | SENSITIVE | RELIABLE



WHAT IS Ventrilia?

Ventrilia is a genetic test that screens for hereditary cardiovascular syndromes and diseases in individuals. Ventrilia identifies numerous genetic changes (mutations) that cause multiple cardiovascular conditions with complex symptoms.

WHY CONSIDER Ventrilia?








Cardiovascular diseases are the leading cause of illness and death worldwide, responsible for 31% of all global deaths*. Previously, assessment of the disease risk was based on the lifestyle of an individual. The role of genetic testing is now becoming increasingly important, as overlapping symptoms make it very challenging to clearly identify the underlying cardiovascular disease.

* World Health Organization (Cardiovascular Diseases fact sheets) and World Heart Federation (2017)

WHAT ARE THE BENEFITS OF Ventrilia?









- ◆ Early identification of underlying cardiovascular conditions
- ◆ Accurate detection of genetic mutations
- ◆ Guidance towards a more effective treatment based on reliable genetic insight
- ◆ More accurate prognosis
- ◆ Better clinical care
- ◆ Prevention of potential cardiovascular disease symptoms, including sudden death

WHO IS Ventrilia FOR?

-  Symptomatic individuals with an unidentified cardiovascular genetic disease
-  Individuals with clinical diagnosis of aortic defect, or irregular cardiovascular anatomy
-  Individuals in high-risk groups (eg. high cholesterol)
-  Individuals with family history of hereditary cardiovascular disease or sudden cardiac death
-  Individuals with clinical diagnosis of channelopathies (irregular heart rhythm)
-  Individuals experiencing fainting or unexplained seizures
-  Individuals experiencing symptoms, suspected of having a cardiovascular-associated genetic condition (shortness of breath, excessive sweating, heart pain, weakness)

WHAT DOES Ventrilia TEST FOR?

Ventrilia is available as seven disease-specific panels and one comprehensive panel, which includes all genes tested in the disease-specific panels.

-  48 genes **AORTOPATHY PANEL**
-  42 genes **ARRHYTHMIA PANEL**
-  98 genes **CARDIOMYOPATHY PANEL**
-  80 genes **CONGENITAL HEART DEFECTS (CHD) PANEL**
-  11 genes **FAMILIAL HYPERCHOLESTEROLEMIA (FH) PANEL**
-  11 genes **PULMONARY HYPERTENSION (PH) PANEL**
-  30 genes **RASOPATHIES PANEL**
-  292 genes **COMPREHENSIVE PANEL**

HOW IS Ventrilia PERFORMED?

-  Ventrilia is a non-invasive, safe and easy test to perform. Sample is collected via a buccal swab, by moving it in circular movements in the inside of the cheeks.