NIPD GENETICS

Ventrilia

cardiovascular test

Genetic insight about your cardiovascular health

SAFE | SENSITIVE | RELIABLE

WHAT IS **Ventrilia**?

Ventrilia is a new generation genetic test that analyzes **292 genes** to detect genetic mutations that cause multiple inherited cardiovascular conditions with complex phenotypes. With Ventrilia, early and accurate disease identification can provide you with comprehensive genetic insight about your patient's cardiovascular health and guide you towards an optimal clinical management plan. Cardiovascular genetic testing is highly recommended by professional societies such as the American Heart Association (AHA), and the European Society of Cardiology (ESC).

CARDIOVASCULAR DISEASE PANELS

Venrtilia consists of 8 panels and tests for autosomal recessive, autosomal dominant and X-linked diseases in 292 genes.

- 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**

WHAT ARE THE BENEFITS OF **Ventrilia**?

- Faster identification of complex cardiovascular conditions
- Accurate detection of multiple cardiovascular genetic mutations
- Early identification in asymptomatic patients
- Improved prognosis
- More effective treatment
- Better clinical care
- Prevention of potential sudden onset of cardiovascular conditions, including sudden death

WHO IS **Ventrilia** FOR?

- Patients with an unidentified cardiovascular genetic disorder
- Presymptomatic patients with family history of inherited cardiovascular disease or sudden cardiac death
- Patients experiencing fainting or unexplained seizures
- Patients with clinical diagnosis of irregular cardiovascular anatomy or channelopathies
- Patients suspected of having a cardiovascular-associated genetic condition due to clinical symptoms
- Patients in high-risk groups with non-specific phenotype

WHAT WILL THE REPORT TELL ME?

- Result on mutations tested
- Thorough interpretation and clinical significance of variants

CLINICALLY SIGNIFICANT VARIANT DETECTED	VARIANT OF UNCERTAIN SIGNIFICANCE DETECTED	NO CLINICALLY SIGNIFICANT VARIANT DETECTED

Carrier status will not be reported for recessive conditions. Re-interpretation of variants of uncertain significance will be performed at routine intervals.

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