my Genome by Veritas

Veritas INTERCONTINENTAL The Genome Company

myGenome is the whole genome sequencing and interpretation service to help prevent diseases and improve the health. The test is intended for healthy individuals that are proactive in their healthcare.

- First genetic test designed to integrate genomics into patient´s health checkups, enabling personalization of medical care.
- myGenome analyzes the genetic risk of common diseases, principally cardiovascular, cancer risk and diseases that can be transmitted to the offspring. The objective is to establish the specific approach for each patient to prevent diseases or allow early detection.
- It is performed once in a lifetime and it allows to storage the genetic information of the patient to offer updates based on the advances of scientific knowledge.
- myGenome includes genetic counseling before and after the test to assess the suitability of the test, explain the results and establish next steps.

myGenome is the most comprehensive preventive genetic test for healthy patients

WHY SEQUENCE THE GENOME?

15-20%
Between 15-20% of cancer cases are due to familial aggregation that increases the risk of cancer in the family.

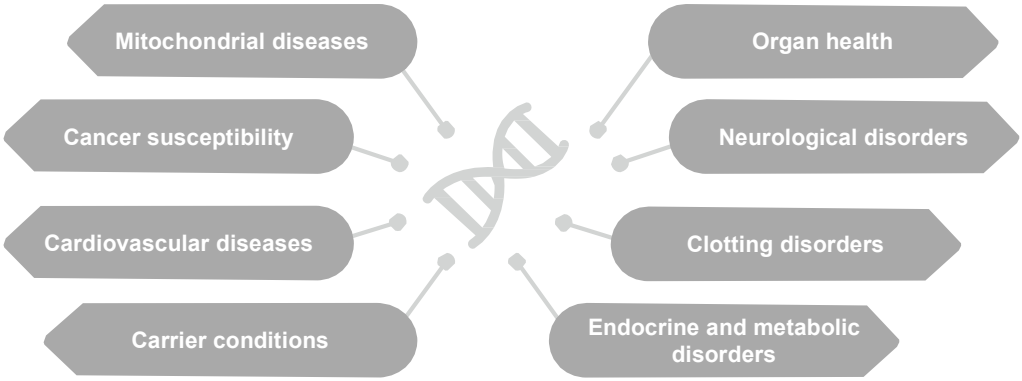
3%
Around 3% of the couples planning to have children have a 25% risk of having a child affected by a genetic disease.

15-20%
Between 15-20% of sudden cardiac deaths are due to genetic variations in genes responsible for the structure of the cardiac muscle or the cardiac rhythm.

6%
Around 6% of the population have an increased risk of developing hereditary thrombosis. Acquired factors such as bed rest or lack physical activity increase the risk.

3-5%
Between 3-5% of hospital admissions in Europe are due to adverse drug reactions.

WHAT TYPE OF DISEASES ARE INCLUDED?



+ 650	**Diseases with clinical relevance** Insights on genetic diseases selected by actionability and following ACMG59 criteria (*American College of Medical Genetics and Genomics*)
+ 225	**Diseases that can be transmitted to the offspring** If both members of the couple are carriers of the same disease, they have a higher risk of transmitting it to their offspring
15	**Multifactorial diseases** Information about multifactorial conditions dependent on genetics and environment
+ 150	**Pharmacogenomics** Information on drug response based on patient's genetics
+ 50	**Traits** Insights on traits associated to diet, athletics, longevity, nutrition, metabolism and more
	Ancestry: Information about the patient ancestors
	Genetic counseling for result interpretation

myGenome is key as a complement for patient health checkups

TECHNICAL INFORMATION

- Whole genome sequencing with 30x average coverage (gold standard for genetic sequencing).
- Includes interpretation of the 59 genes recommended by the American College of Medical Genetics and Genomics and a subset of carrier conditions based on the *American College of Obstetricians and Gynecologists* recommendations.
- Variant curation performed by our dedicated expert team with proprietary software developed for detailed variant classification with internal and external databases (ClinVar and HGMD).
- Developed by an expert medical team, with 10+ years of Whole Genome Sequencing experience, including members of the Personal Genome Project at Harvard Medical School.

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