my HealthScore

Polygenic risk screening for common diseases

Veritas
a LetsGetChecked company

veritasint.com

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Polygenic risk screening identifies a previously unknown genetic risk.

What is myHealthScore?

myHealthScore is the genetic screening test that provides information about the risk of presenting with common multifactorial diseases. The test determines the polygenic risk, which was previously unperceived, enabling the detection of a greater number of people at risk.

What is a polygenic risk?

The most common diseases are often multifactorial in origin. In other words, they are caused by the effect of genetics together with other factors such as lifestyle and environment.

In these cases, the genetic risk is not usually associated with a single variant but with thousands or millions of common variants throughout the genome. This is known as a polygenic risk.

Knowing the genetic risk is useful to focus on other modifiable risk factors with the aim of prevention.

Why is it important?

- Allows the quantification of the aggregated genetic risk, scattered along the genome, associated with a particular disease.
- The test is performed once in a lifetime, estimating the risk of disease and how it varies throughout life in comparison with the general population.
- It can be carried out before the onset of clinical risk factors, which allows for a more effective preventive approach.
- There are calculators that establish the risk of cardiovascular disease and cancer. Incorporating myHealthScore results into these calculators improve their predictive power. On its website, Veritas offers risk calculators for cardiovascular disease and breast cancer.
- Information that is independent and complementary to traditional risk factors and the study of genetic panels.

1 in 4

people with coronary artery disease is undetected through the evaluation of clinical risk factors

7 in 10

women diagnosed with breast cancer do not have a family history of the disease

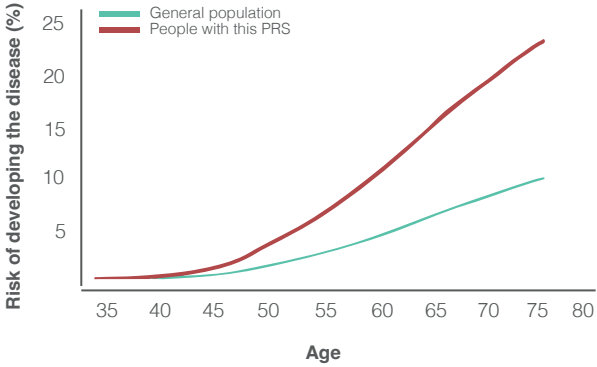
8 in 10

people with pre-diabetes are not aware of their condition and the possibilities for prevention

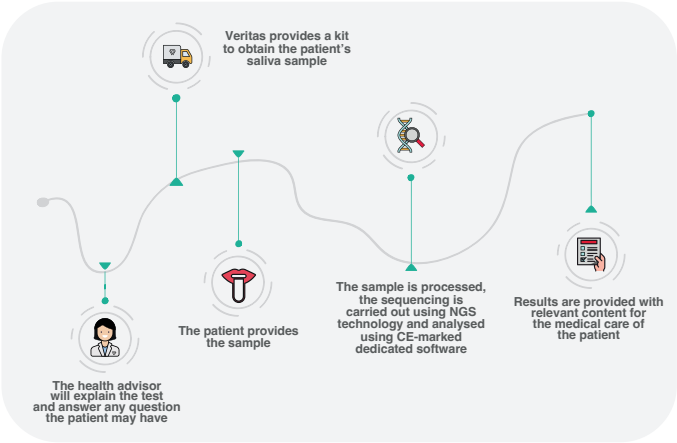
Who is it intended for?

The test is suitable for adults who are proactive about their healthcare. The results provide information about the lifetime risk of presenting the diseases analysed in order to establish preventive strategies and lifestyle changes that will help to reduce the risk.

Additionally, a basic ancestry analysis is carried out in order to adjust the risk analysis based on this information.



How do I start?



Which diseases are included in myHealthScore?

The software for the analysis is CE-marked and enables the risk evaluation of presenting different pathologies, providing the specialist with important information for your healthcare:

Cardiovascular disease*

The test enables the reclassification of patients with intermediate risk by classical factors who, depending on their genes, could present high risk of coronary artery disease.

> 2 million variants

Type 2 diabetes

A nutritional or pharmacological approach in high-risk patients could avoid the development of the disease.

> 600,000 variants

Breast cancer

The test allows the detection of polygenic risk of breast cancer in women that is not detectable by other genetic tests. These cases are usually considered to be of sporadic origin.

> 550,000 variants

Prostate cancer

myHealthScore is a valuable tool for the screening of this type of cancer, where current strategies have limitations.

> 650,000 variants

myHealthScore can be requested for cardiovascular disease, type 2 diabetes or cancer risk, either separately or together, with better conditions.

**For a more comprehensive analysis of cardiovascular disease, the test includes the polygenic risk of: coronary artery disease, atrial fibrillation, lipid profile (triglycerides, LDL and HDL cholesterol) and hypertension.*

Veritas was founded in 2018 by Dr. Luis Izquierdo, Dr. Vincenzo Cirigliano and Javier de Echevarría, who accumulate extensive experience in the field of genetics, diagnostics and biotechnology. Initially linked to Veritas Genetics, a company founded in 2014 by Prof. George Church, one of the pioneers in preventive medicine, Veritas was born with the aim of making genome sequencing and its clinical interpretation available to all citizens as a tool to prevent diseases and improve health and quality of life.

Since its inception, Veritas has led the activity and development in the markets in which it operates, with the goal of turning genomics into a daily instrument at the service of people's well-being.

In March 2022 Veritas announces that it will become part of LetsGetChecked, a global healthcare solutions company based in Dublin and New York.

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