

Genetically Informed Care Assessment (GICA™)

Comprehensive Genetic Testing at Harrison

Genetic testing is playing an increasingly important role in the planning and delivery of healthcare. This is because we often carry subtle modifications in our DNA, known as genetic variants, that can have significant implications for our health. While most of these variants contribute to human diversity and evolution without causing harm, others can predispose individuals to specific diseases, influence the course of illness, or affect how well treatments work. Recognizing these variations is crucial in shaping our approach towards disease prevention, diagnosis, and personalized treatment. This is one aspect of *Precision Medicine* at Harrison. Genetic testing identifies potentially detrimental variants, thereby enhancing healthcare planning and decision-making. Many individuals have a medically actionable genetic variant.

Harrison's GICA™ service involves comprehensive testing that identifies genetic variations associated with a wide range of conditions including hereditary cancers, cardiovascular diseases and other disorders that may be passed on to children. Your genetic consultant is available to answer questions, de-mystify the science behind Precision Medicine, and provide valuable information to your larger health team to refine and optimize your personalized care plan.

Price: \$499
(+ tax and test costs)

~4% of the general population will have a **medically actionable** genetic variation.

This increases to as high as **50% of people with family history of specific diseases** affecting their risk for various diseases and disorders.



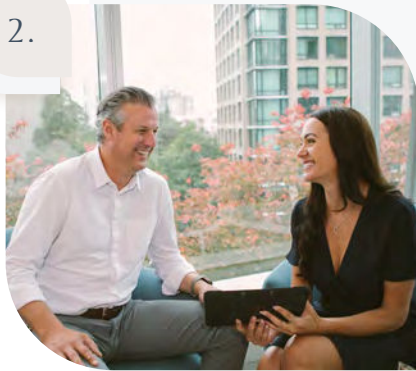
1.

What to Expect

Qualification & Intake

The first step in the GICA service is an in-depth review of your health history, family history, current medications, socio-demographic profile, lifestyle, and health goals. This involves a review of your current medical chart and a virtual consultation with your genetic consultant.

2.



Testing Recommendations

Based on the intake information, your genetic consultant will identify genetic variants that may have the greatest impact on your health and recommend specific medical-grade tests to determine their presence or absence. If you are on medication, your consultant may recommend a pharmacogenetic test.

3.



Analysis & Assessment

Informed by your genetic test results and with greater insights into your risk profile from the intake phase, your consultant will analyze the information and document specific actions to help you optimize your health based on the latest evidence in Precision Medicine.

4.

GICA Report & Plan Refinement

Your GICA Report will provide education about any genetic variants you may have and how they may affect your health risks. It will also make specific recommendations for you and your health team for refinement of your care plan and strategies for achieving and maintaining long term health and wellness. The report will be available to you through your online personal health record (*HealthChart*) and its summary information can be used by any health provider in the future to ensure that prevention or treatment plans are personalized and optimized.





AVAILABLE GENETIC TESTS & SERVICES

Compound Genetic Investigation (CGI)

Investigation of up to 167 different genes known to be associated with diseases and disorders. This test also determines if you are a carrier of a genetic variant, even if you do not have an associated condition. Therefore, this test is also appropriate for family planning.

Cost: \$ 1,125

Hereditary Cardiovascular Disease (Included with CGI)

Investigation of 83 genes to assess your risk of developing an inherited form of heart disease.

Cost: \$ 695

Hereditary Cancer Risk (Included with CGI)

Investigation of 65 genes to assess your risk of developing an inherited form of cancer.

Cost: \$ 695

Pharmacogenomic Test

Investigation of the genes known to affect the safety, efficacy, and metabolism of the most prescribed medications.

Cost: \$ 499

Genetic Counselling

Your genetic consultant is involved in the entire GICA assessment. However, if you would like additional time with the consultant for counselling or more information regarding genetically informed care, they are always available to you.

Cost: \$ 400/hour

Please note: Genetic testing and subsequent interpretation is an evolving, non-perfect science. A normal (or negative) result on any test does not guarantee you won't be impacted by a disease or disorder. Conversely, a positive result on any test does not mean you are guaranteed to develop a specific condition.