

Genetic variations involved in key biological processes that contribute toward the risk of development of mental health disorders may give insight to the prevention, diagnosis and treatment of disease.

Knowledge of an individual's genotype will provide diagnostic insight and assist in determining optimal treatment strategies for individuals suffering from, or at risk for, mental health disorders.

The DNA Mind test analyses 30 genes which have been shown to have significant associations with key mental health disorders.



Embrace
a gene-based
approach to
mental health

The genes included in the test are involved in the following key biological areas related to mental health:

- Lipid metabolism
- Inflammation
- Methylation
- Cell-signalling
- Neurotrophic, dopaminergic & serotonergic pathways

DNA Mind reports on associations in the following areas:

- Neurodegenerative disorders- mild cognitive decline and late onset Alzheimer's disease.
- Mood disorders - Depressive disorder, bipolar disorder, anxiety disorder & post-traumatic stress disorder.
- Addictive behavior - Risk for alcohol, nicotine, cannabis & opioid dependence, psychosis response from cannabis use, eating disorders (binge eating), adrenaline seeking'/risk-taking behavior.



DNA skin aims to improve the visual signs of aging by focusing on interventions that are suited to your unique DNA.

We can't change our genes, but we can change our lifestyle. All the genetic variants analyzed in the DNA Skin test are modifiable through appropriate environmental interventions.

Based on the results from the DNA Skin test, personalized lifestyle, nutrition, nutraceutical and cosmeceutical recommendations can be given for improved skincare and skin health, and to decrease the visible signs of aging.



Embrace
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The DNA Skin test analyses 18 genes involved in important areas related to skin health.

- Regulation of collagen formation and breakdown, giving insight into the firmness and elasticity of the skin
- Sun sensitivity & pigmentation
- Sun damage, protection & repair mechanisms
- Protection from oxidative stress
- Detoxification & inflammation, giving insight into general skin sensitivity

RESOLVE MDx

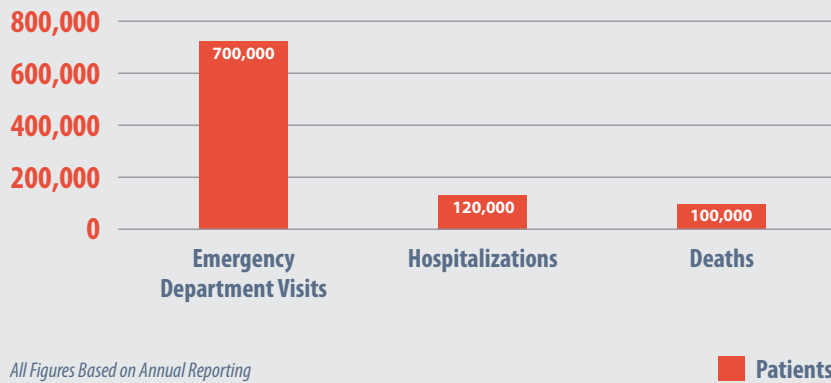


At Resolve Molecular Diagnostics (Resolve MDx), we provide healthcare professionals with the precise, timely genetics data needed to inform best possible treatment plans and enhance patient well-being, safety, and satisfaction.

Evaluating patient-specific DNA data and how that person is likely to respond to medications means that the era of personalized medicine is here! Resolve MDx can map patient genotypes to maximize drug therapy efficacy, minimize potential drug interactions and enhance outcomes.

Adverse Drug Events

(Annually)



82% of American adults take at least one medication and 29% take five or more

Adverse Drug Events are the 4th leading cause of death

Approximately \$3.5 billion is spent annually on extra medical costs due to ADE's

Benefits of Pharmacogenetics Testing

- Recent studies have shown that PGT can decrease healthcare costs while simultaneously improving clinical outcomes
- Mitigation of costly trial and error periods when trying to select a new pharmacotherapy
- Mitigation of costs associated with treating adverse drug events and serious drug interactions
- Recent advancements in the interpretation of genetic data have led to increased adoption of pharmacogenetic testing.
- Reduce call backs from patients and pharmacists regarding medication management
- Increased patient satisfaction



Managing chronic diseases like diabetes, chronic pain, cardiovascular, and mental illness are hard enough. Don't let the variability of a person's genes make it even more difficult to treat the disease effectively.

www.ResolveMDX.com

Centers for Disease Control and Prevention and National Center for Health Statistics. Prescription Drug Use Continues to Increase: US Prescription Drug Data for 2007-2008. CDC; 2010. Available from: <http://www.ec.gov/nchs/data/databriefs/db42.pdf>.
US Food and Drug Administration [homepage on the Internet]. Costs associated with ADRs. Available from: <http://www.fda.gov/NewsEvents/Testimony/ucm114949.htm>.