

Tips for Talking to Your Healthcare Provider About the GeneSight® Psychotropic Test

A good patient-clinician relationship should work like a partnership. Take an active role in finding the solution that works best for you.

Here are some tips to help you build a partnership with your doctor to get the genetic insights that may be helpful in your treatment. Start the conversation about the GeneSight Psychotropic test today.



Be Prepared

Take along any information the doctor or staff may need to see, like names and contact information of your past/other clinicians, records showing past medications or current medications for other conditions or dietary supplements and this *GeneSight Doctor Discussion Guide*.



Be Open and Confident

Don't be afraid to share how your current depression treatment is working for you and where it may be falling short.



Bring a Friend

The support of a friend or family member can help facilitate the conversation with your doctor and help act as a co-advocate for your care at your next appointment.



Discuss Ordering the Test

If you are interested in the GeneSight test, discuss whether you might be a good candidate with your doctor. If your provider decides to order the test for you, they will receive your results and can review them with you during an appointment.

Use these tips to prepare for your visit and share the accompanying materials with your doctor.

Preparing For Your GeneSight® Test Discussion.

First and foremost, remember that your doctor is on your side. You both want what's best for you, and helping you successfully manage your depression is everyone's top priority. So just be open and honest.

To make the most of your time spent with your doctor, take a moment to list your current and past depression medications, as well as your concerns about them. Prior to your appointment, please request and bring along any prior medical records from other doctors you may have seen in the past.

List the depression medications you have been prescribed in the past and/or are currently taking.

_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

What side effects (if any) are you currently experiencing?

Five things to know about the GeneSight test:

- The results of the test can inform your doctor about genes that may impact how you metabolize or respond to certain depression medications.
- The GeneSight test is intended to supplement other information considered by a doctor within the context of a comprehensive medical assessment.
- More than one million people have taken the GeneSight test.
- After we receive your sample, your doctor will typically get test results within 2 days.
- Many healthcare plans, including Medicare, cover the GeneSight Psychotropic test. There is no cost to the provider to administer the test and we offer the GeneSight Promise for patients.

For your healthcare professional

To order the GeneSight test, contact our sales team through genesight.com/take-the-next-step. For more information or to see if the GeneSight test is right for your patient, call our medical information team at **855.891.9415** or visit our website, [GeneSight.com](https://genesight.com).

GeneSight® Healthcare Professional Quick Guide

Your patient has downloaded these materials to help facilitate a discussion with you about potentially using the GeneSight test to inform their treatment.

What is the GeneSight® Psychotropic test?

- ✓ The GeneSight test is a pharmacogenomic test that analyzes clinically important genetic variations that may impact how your patient metabolizes and responds to certain medications.
- ✓ The clinical validity, clinical utility, and economic utility of the GeneSight® Psychotropic test have been evaluated in multiple published, peer-reviewed clinical trials. It is the only psychiatric pharmacogenomic test backed by such extensive research.

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GeneSight user today.**

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For more information on GeneSight Psychotropic clinical trials, visit:

<https://genesight.com/for-clinicians/>

The GeneSight® test has been ordered by more than 37,000 healthcare professionals.

The GeneSight test is intended to provide a healthcare provider with genetic information to help inform their medication selection for a patient. Since genetic insight is only one part of the puzzle, healthcare providers must also take into consideration their patient's entire clinical profile to determine medication treatment.

The GeneSight® Psychotropic Report

The GeneSight report can help you understand your patient's unique genetic profile and inform your clinical assessment.

GeneSight® Psychotropic
COMBINATORIAL PHARMACOGENOMIC TEST

Patient, Sample
DOB: 7/22/1984
Order Number: 219
Report Date: 10/10/2019
Clinician: Sample Clinician
Reference: 1458CP

USE AS DIRECTED

ANTIDEPRESSANTS

Medication	Level
doxepin (Sinequan®)	1
imipramine (Tofranil®)	1.6
desvenlafaxine (Pravletiq®)	1.8
trazodone (Desyrel®)	1.8
mirtazapine (Remeron®)	3.7.8

MODERATE GENE-DRUG INTERACTION

SIGNIFICANT GENE-DRUG INTERACTION

Medication	Level
amitriptyline (Elavil®)	1.6
bupropion (Wellbutrin®)	1.6
cisapride (Propulsid®)	1.6
fluoxetine (Prozac®)	1.6
setegiline (Emsam®)	1.7
duloxetine (Cymbalta®)	2.2
fluvoxamine (Luvox®)	2.3
citalopram (Celexa®)	1.4,6
escitalopram (Lexapro®)	1.4,6
paroxetine (Paxil®)	1.4,6
sertraline (Zoloft®)	1.4,6
levomeclizapram (Fetzima®)	1.6,8
venlafaxine (Effexor®)	1.6,8
vilazodone (Viibac®)	1.6,8

CLINICAL CONSIDERATIONS

- Serum level may be too high, lower doses may be required.
- Serum level may be too low, higher doses may be required.
- Difficult to predict dose adjustments due to conflicting variations in metabolism.
- Genotype may impact drug mechanism of action and result in reduced efficacy.
- Use of this drug may increase risk of side effects.
- Serum level may be too low in smokers.
- FDA label identifies a potential gene-drug interaction for this medication.

CLINICAL CONSIDERAT

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PhD's, PharmD's and Genetic Counselors available for consultation

Medication categorizations highlight level of gene-drug interactions

Clinical considerations to inform understanding

The GeneSight Psychotropic report shows genetic variations for two types of genes:

PD **Pharmacodynamic genes** provide information on how your patient's DNA may impact their response to some medications

PK **Pharmacokinetic genes** provide information on how your patient metabolizes, or breaks down, medications

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PATIENT GENOTYPES AND PHENOTYPES

PHARMACOKINETIC GENES (PK)

PHARMACODYNAMIC GENES (PD)

Gene	Genotype	Phenotype
SLC6A4	Intermediate Response	Intermediate Response
HLA-B*1502	Present	Higher Risk
HLA-A*3101	A1A	Lower Risk
HTR2A	Increased Sensitivity	Increased Sensitivity

Extensive (Normal) Metabolizer
Activity: Normal
Activity: Increased
Interact with the extensive (normal) patient is expected to have normal

Extensive (Normal) Metabolizer
Activity: Normal
Activity: Normal
Interact with the extensive (normal) patient is expected to have normal

Intermediate Metabolizer
Activity: Reduced
Activity: Reduced
Interact with the intermediate patient may have reduced enzyme levels with the normal phenotype.

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