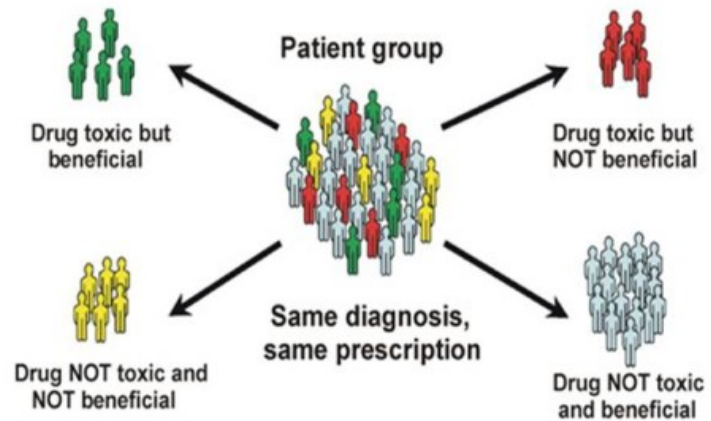


Suntree Diagnostics

Pharmacogenomic Testing (PGx)

Bring Drug DNA testing to your practice!



What is Pharmacogenomics (PGx)?

Pharmacogenomics is the study of how a person's genetic makeup affects their response to medications. PGx testing is a tool used for developing customized drug therapies for patients. The data provided from PGx testing is used to maximize drug efficacy while minimizing adverse drug effects and drug-drug interactions.

Why use Pharmacogenomic (PGx) testing?

PGx testing data indicates how a patient's body metabolizes medications based on the patient's genotype. Recent industry studies have shown that the clinical efficiency provided by PGx testing leads to reduced adverse drug events, improved clinical results, and lower healthcare costs. The reporting provided to the physician and pharmacist can be used in patient counseling to develop a custom drug therapy, dosage requirements, and improved patient education leading to better patient medication adherence.

The FDA currently has approximately 200 drugs (and growing) with pharmacogenomics information in their labeling. Avoiding the costs and dangers of trial and error drug prescribing are clear benefits for testing patients. The FDA recommends PGx testing for patients receiving many of these labeled drugs.

Is Pharmacogenomic (PGx) testing covered by insurance?

Medicare: covers PGx testing at no copay and no deductible if you are on or thinking about starting one of the following medications

- Amitriptyline
- Nortriptyline
- Tetrabenazine
- Warfarin
- Clopidogrel (Plavix)

Commercial Insurances: Currently a majority of commercial insurances cover PGx testing and it is billed as a Lab test on many of them (consult your insurance plan to obtain information on your costs). Commercial insurances typically cover testing if you are on one of the following medications listed on the medication page attached.

| Trade Name | Generic Name | Trade Name | Generic Name |
|--------------------|-------------------------|-------------------|---------------------|
| Abilify | Aripiprazole | Dolophine | Methadone |
| Aciphex | Rabeprazole | Effexor | Venlafaxine |
| Actiq | Fentanyl | Effient | Prasugrel |
| Adderall | Amphetamine | Elavil | Amitriptyline |
| Advil, Motrin | Ibuprofen | Eliquis | Apixaban |
| Aleve | Naproxen | Enablex | Darifenacin |
| Alfenta | Alfentanil | Fanapt | Iloperidone |
| Amaryl | Glimepiride | Felbatol | Felbamate |
| Amoxapine | Amoxapine | Feldene | Piroxicam |
| Anafranil | Clomipramine | Fetzima | Levomilnacipran |
| Ansaid | Flurbiprofen | Flexeril, Amrix | Cyclobenzaprine |
| Aptiom | Eslicarbazepine Acetate | Flomax | Tamsulosin |
| Aricept | Donepezil | Focalin | Dexmethylphenidate |
| Arixtra | Fondaparinux | Fycompa | Perampanel |
| Ativan | Lorazepam | Gabitril | Tiagabine |
| Avapro | Irbesartan | Glucotrol | Glipizide |
| Avodart | Dutasteride | Haldol | Haloperidol |
| Banzel | Rufinamide | Hytrin | Terazosin |
| Brilinta | Ticagrelor | Inderal | Propranolol |
| Brintellix | Vortioxetine | Indocin | Indomethacin |
| Butrans, Buprenex | Buprenorphine | Invega | Paliperidone |
| Bystolic | Nebivolol | Keppra | Levetiracetam |
| Cardura | Doxazosin | Klonopin | Clonazepam |
| Celebrex | Celecoxib | Lamictal | Lamotrigine |
| Celexa | Citalopram | Latuda | Lurasidone |
| Cerebyx | Fosphenytoin | Lescol | Fluvastatin |
| Cialis | Tadalafil | Levitra | Vardenafil |
| Clinoril | Sulindac | Levo Dromoran | Levorphanol |
| Clozaril | Clozapine | Lexapro | Escitalopram |
| Codeine | Codeine | Lipitor | Atorvastatin |
| Coreg | Carvedilol | Livalo | Pitavastatin |
| Coumadin | Warfarin | Lopressor | Metoprolol |
| Crestor | Rosuvastatin | Ludiomil | Maprotiline |
| Cymbalta | Duloxetine | Luminal | Phenobarbital |
| Demerol | Meperidine | Luvox | Fluvoxamine |
| Depakote, Depakene | Valproic Acid | Lyrica | Pregabalin |
| Detrol | Tolterodine | Mellaril | Thioridazine |
| Dexedrine | Dextroamphetamine | Mevacor | Lovastatin |
| Dexilant | Dexlansoprazole | Mexitil | Mexiletine |
| Dilantin | Phenytoin | Micronase | Glyburide |
| Dilaudid, Exalgo | Hydromorphone | Mobic | Meloxicam |
| Ditropan | Oxybutynin | MS Contin | Morphine |

| Trade Name | Generic Name | Trade Name | Generic Name |
|---------------------|---------------------|---------------------|---------------------|
| Myrbetriq | Mirabegron | Saphris | Asenapine |
| Mysoline | Primidone | Savella | Milnacipran |
| Namenda | Memantine | Serax | Oxazepam |
| Navane | Thiothixene | Seroquel | Quetiapine |
| Neurontin | Gabapentin | Serzone | Nefazodone |
| Nexium | Esomeprazole | Silenor | Doxepin |
| Normodyne, Trandate | Labetalol | Skelaxin | Metaxalone |
| Norpramin | Desipramine | Soma | Carisoprodol |
| Nucynta | Tapentadol | Stendra | Avanafil |
| Olepto | Trazadone | Strattera | Atomoxetine |
| Onfi | Clobazam | Sufenta | Sufentanil |
| Opana, Numorphan | Oxymorphone | Surmontil | Trimipramine |
| Orap | Pimozide | Synalgos-DC | Dihydrocodeine |
| Orinase | Tolbutamide | Tambocor | Flecainide |
| Orudis | Ketoprofen | Tegretol, Carbatrol | Carbamazepine |
| Pamelor | Nortriptyline | Thorazine | Chlorpromazine |
| Paxil | Paroxetine | Timoptic | Timolol |
| Percocet | Oxycodone | Tofranil | Imipramine |
| Plavix | Clopidogrel | Topamax | Topiramate |
| Potiga | Ezogabine | Toradol | Ketorolac |
| Pradaxa | Dabigatran Etxilate | Toviaz | Fesoterodine |
| Pravachol | Pravastatin | Trilafon | Perphenazine |
| Prevacid | Lansoprazole | Trileptal | Oxcarbazepine |
| Prilosec | Omeprazole | Ultram | Tramadol |
| Pristiq | Desvenlafaxine | UroXatral | Alfuzosin |
| Prograf | Tacrolimus | Valium | Diazepam |
| Prolixin | Fluphenazine | VESICARE | Solifenacin |
| Proscar | Finasteride | Vfend | Voriconazole |
| Protonix | Pantoprazole | Viagra | Sildenafil |
| Prozac, Sarafem | Fluoxetine | Vicodin | Hydrocodone |
| Ranexa | Ranolazine | Viibryd | Vilazodone |
| Rapaflo | Sildenafil | Vimpat | Lacosamide |
| Razadyne | Galantamine | Vivactil | Protriptyline |
| Reglan | Metoclopramide | Vivitrol | Naltrexone |
| Relafen | Nabumetone | Voltaren | Diclofenac |
| Remeron | Mirtazapine | Vyvanse | Lisdexamfetamine |
| Risperdal | Risperidone | Wellbutrin | Bupropion |
| Ritalin | Methylphenidate | Xarelto | Rivaroxaban |
| Robaxin | Methocarbamol | Xenazine | Tetrabenazine |
| Rythmol | Propafenone | Zanaflex | Tizanidine |
| Sabril | Vigabatrin | Zarontin | Ethosuximide |
| Sanctura | Trospium | Zocor | Simvastatin |

| Trade Name | Generic Name |
|-------------------|---------------------|
| Zofran | Ondansetron |
| Zoloft | Sertraline |
| Zonegran | Zonisamide |
| Zontivity | Vorapaxar |
| Zyprexa | Olanzapine |