PGxOne™ Plus is a 60+ gene pharmacogenomics test that can provide insight into how a patient will respond to certain drugs based on their DNA.

- Genetic variants affect metabolism, absorption, distribution, excretion, and drug targets.
- Provides an additional tool for making effective treatment decisions, potentially reducing: (a) adverse drug events (ADEs) (b) trial-&-error dosing and drug selection.
- Utilizes Next-Generation Sequencing technology to provide in-depth gene-drug interactions that align with laboratory and professional guidelines.
- Delivers actionable results in an easy to read report allowing for implementation of patient management solutions within seven to ten business days.
- Includes section for current medications and medications of interest, encompassing drug interactions.
- A proposed tool to achieve better COVID-19 outcomes in patients with underlying high-risk medical conditions.

Selected Covered Drug Classes from Major Therapeutic Areas

**CARDIOLOGY**
- Alpha and Beta Adrenergic Blockers
- Antiarrhythmic Agents
- Anticoagulants
- Antiplatelets
- Beta Blockers
- Antilipemic Agents (statins)
- Peripheral Vasodilators

**PSYCHIATRY**
- Anticonvulsants
- Antidepressants
- Antipsychotics
- Tricyclic Antidepressants

**NEUROLOGY**
- Anticonvulsants
- Anticholinergic Agents
- Central Monoamine-Depleting Agents
- Central Nervous System Agents
- Central Nervous System Stimulants
- Depolarizing Neuromuscular Agents
- Monoamine Depletors

**PAIN MANAGEMENT**
- NSAIDs
- Opioids
- Opioid Dependencies
- Muscle Relaxants

**ONCOLOGY**
- Antiemetics
- Antiestrogens
- Antineoplastic Agents
- Immunosuppressant Agents

**OTHER AREAS**
- Anesthesiology
- Endocrinology
- Gastroenterology
- Rheumatology

High-integrity Gene and Gene-Drug interactions align with sources from the FDA, Clinical Pharmacogenetics Implementations Consortium (CPIC), Association for Molecular Pathologists (AMP), College of American Pathologists (CAP), and PharmGKB.

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Admera Health’s Dynamic Online Reporting Tool

- Gain digital access to all patients’ PGxOne™ Plus results even without an EMR integration
- Easily navigate test results with dynamic searches, including by medication, therapeutic area, and drug interactions
- Securely and easily refer a patient’s report to another physician

### PGxOne™ Plus test contains 60+ genes, including the genes found within the FDA’s Table of Pharmacogenetic Associations

<table>
<thead>
<tr>
<th>Sample Type</th>
<th>Buccal Swab</th>
<th>Blood</th>
<th>Saliva</th>
<th>Mouth Wash/Oral Rinse</th>
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</thead>
<tbody>
<tr>
<td>Turnaround Time: 7-10 Business Days</td>
<td>Proprietary Chemistry and Next-Generation Sequencing</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- Proprietary Chemistry and Next-Generation Sequencing

#### Common Reasons to Order PGx Testing*

- When the FDA requires/recommends pharmacogenomics (PGx) testing for a medication
- When the patient has had a severe adverse drug reaction(s) or complications due to medications
- There is a family history of a serious adverse drug reaction or known pharmacogenomic variant
- Identifying patients who require a higher or lower-than-standard dose of a medication
- When patients have experienced multiple treatment failures
- The recommended drug dosage has not relieved symptoms or the patient has sensitivity to a medication
- When a patient is experiencing unexpected or exaggerated response(s) to a medication(s)
- To improve a patient’s medication compliance/adherence
- For patients who are on multiple medications
- PGx testing can be taken preemptively so the results can be readily available when needed

*References Available