

A better path forward

Genomind Pharmacogenetic Report

Patient:	Nora Syke	Sample ID:	7524640209
Patient DOB:	12/25/1985	Accession ID:	250750
Ordering Clinician:	Genomind Clinician	Sample Collection Date:	4/22/2023
Sample Type:	Buccal	Sample Received Date:	4/24/2023
Assay Ordered:	Genomind PGx (v3.2)	Report Date:	4/24/2023 2:02 PM

Supplemental Diagnoses Pages

Electronically Signed By
Juel Meya, Quality Assurance

Literature Information Reviewed By
David Krause, M.D., Chief Medical Officer for Genomind, Inc.

The Genomind PGx Report is intended to provide genetic information to healthcare professionals which may aid in the prescribing of medications for individuals with mental illness and associated comorbidities.*

Personalized Consultation Available for Clinicians

A complimentary consultation, performed by our expert psychopharmacologists, is included with all Genomind PGx Reports. Consultations can be scheduled directly from the [Genomind Precision Health Platform](#).



CONTACT INFORMATION









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*Disclaimer: This report is designed to be adjunctive to a complete patient assessment, including but not limited to proper diagnosis, clinical history, assessment of concomitant co-morbidities and medications, family history, and other factors. Prescribers should be familiar with the approved indications, warnings, precautions, and other sections of the drug manufacturer's prescribing information, as well as relevant clinical practice guidelines. Prescribers should not rely solely on this report in making prescribing decisions. The understanding of the relationship between specific genes and pharmacokinetics or pharmacodynamics changes periodically, and this report will not be updated to reflect new findings. For more information on gene-drug associations, please reference PharmGKB, CPIC, PharmVar or the FDA Table of Pharmacogenetic Associations or Pharmacogenomic Biomarkers.













ADHD SUMMARY




	Alert / Caution			Standard Options			PGx Guided Options		
Dopaminergic Stimulants				Amphetamine-Dextroamphetamine					
				Dexmethylphenidate 					
				Dextroamphetamine					
				Lisdexamfetamine					
				Methylphenidate 					
Other				Atomoxetine					
				Clonidine					
				Guanfacine					
				Viloxazine					

 Do Not Initiate	 Decreased Efficacy	 Side Effects Risk	 Drug Exposure
 Decreased Sensitivity	 Increased Efficacy	 Weight Gain	 Reduced Drug Exposure with 1A2 Inducers

Diagnosis specific summaries are available for the diagnoses of depression, anxiety & related disorders, bipolar disorder, schizophrenia, pain management and ADHD. The provided pages in this report are the closest fit for this individual's diagnosis, as provided to us. All summaries, however, are available to you on the [Genomind Precision Health Platform](#).

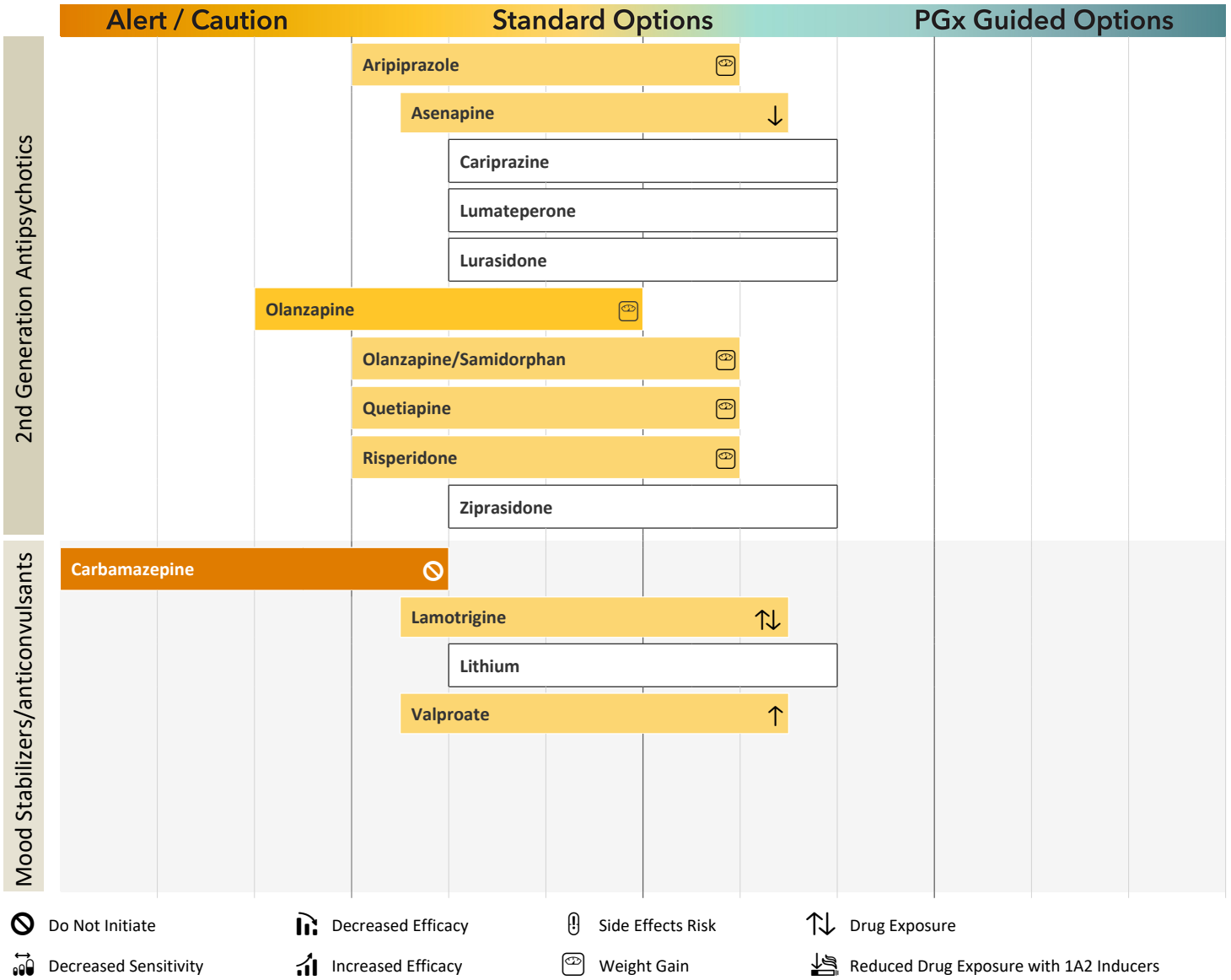
ANXIETY AND RELATED DISORDERS SUMMARY

	Alert / Caution	Standard Options	PGx Guided Options
SSRIs		Escitalopram  	
		Fluoxetine  	
		Fluvoxamine 	
		Paroxetine 	
		Sertraline  	
SNRIs		Duloxetine	
		Venlafaxine 	
TCAs		Clomipramine 	
		Doxepin 	
Anxiolytics		Alprazolam	
		Buspirone	
		Chlordiazepoxide	
		Clonazepam	
		Diazepam 	
		Hydroxyzine	
		Lorazepam	
		Oxazepam	

-  Do Not Initiate
-  Decreased Sensitivity
-  Decreased Efficacy
-  Increased Efficacy
-  Side Effects Risk
-  Weight Gain
-  Drug Exposure
-  Reduced Drug Exposure with 1A2 Inducers






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BIPOLAR SUMMARY



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DEPRESSION SUMMARY









	Alert / Caution	Standard Options	PGx Guided Options
SSRIs	Citalopram	 ↑	
	Escitalopram	 ↑	
	Fluoxetine	 ↑	
	Paroxetine		
	Sertraline	 ↑	
SNRIs		Desvenlafaxine	
		Duloxetine	
		Levomilnacipran	
		Venlafaxine	↑
Other		Bupropion	
		Dextromethorphan/Bupropion	
		Mirtazapine	
		Nefazodone	
		Trazodone	
		Vilazodone	
		Vortioxetine	
TCAs	Amitriptyline	↑	
		Desipramine	
	Doxepin	↑	
	Imipramine	↑	
		Nortriptyline	
	Trimipramine	↑	

-  Do Not Initiate
-  Decreased Efficacy
-  Side Effects Risk
-  Drug Exposure
-  Decreased Sensitivity
-  Increased Efficacy
-  Weight Gain
-  Reduced Drug Exposure with 1A2 Inducers

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DEPRESSION AUGMENTATION SUMMARY

Alert / Caution		Standard Options			PGx Guided Options		
		Aripiprazole					
		Brexpiprazole					
		Cariprazine					
		ECT					
		Esketamine					
					Exercise		
					L-methylfolate		
		Olanzapine/Fluoxetine	↑				
		Phenelzine					
		Quetiapine					
		Selegiline					
		TMS					
		Tranylcypromine					
		VNS					










-  Do Not Initiate
-  Decreased Efficacy
-  Side Effects Risk
-  Drug Exposure
-  Decreased Sensitivity
-  Increased Efficacy
-  Weight Gain
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PAIN MANAGEMENT SUMMARY

	Alert / Caution	Standard Options	PGx Guided Options
Non-opioid analgesics		Acetaminophen	
		Celecoxib ↑	
		Diclofenac ↑	
		Flurbiprofen ↑	
		Ibuprofen ↑	
		Ketorolac	
		Meloxicam ↑	
		Naproxen ↑	
		Piroxicam ↑	
	Opioid analgesics		Alfentanil
		Codeine	
		Fentanyl	
		Hydrocodone	
		Hydromorphone	
		Methadone	
		Morphine	
		Oxycodone	
		Oxymorphone	
		Tapentadol	
		Tramadol	

-  Do Not Initiate
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SCHIZOPHRENIA SUMMARY









	Alert / Caution	Standard Options	PGx Guided Options
2nd Generation Antipsychotics		Aripiprazole 	
		Asenapine ↓	
		Brexpiprazole 	
		Cariprazine	
		Clozapine 	
		Iloperidone 	
		Lumateperone	
		Lurasidone	
		Olanzapine 	
		Olanzapine/Samidorphan 	
		Paliperidone 	
		Quetiapine 	
		Risperidone 	
		Ziprasidone	
1st Generation Antipsychotics		Chlorpromazine	
		Fluphenazine	
		Haloperidol	
		Loxapine	
		Perphenazine	
		Thioridazine	
		Thiothixene	
		Trifluoperazine ↓	

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EAST ASIAN ANXIETY SUMMARY




	Alert / Caution	Standard Options	PGx Guided Options
SSRIs		Escitalopram ↑	
		Fluoxetine ↑	
		Fluvoxamine	
		Paroxetine	
		Sertraline ↑	
SNRIs		Duloxetine	
		Venlafaxine ↑	
TCAs		Clomipramine ↑	
		Doxepin ↑	
Anxiolytics		Alprazolam	
		Buspirone	
		Chlordiazepoxide	
		Clonazepam	
		Diazepam ↑	
		Hydroxyzine	
		Lorazepam	
		Oxazepam	

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		Vilazodone	
		Vortioxetine	
TCAs		Amitriptyline ↑	
		Desipramine	
		Doxepin ↑	
		Imipramine ↑	
		Nortriptyline	
	Trimipramine ↑		

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