

Report: Life Anti-ADHD PGx Panel

Patient: Albana Qemali

Date: 16.10.2023



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Legend:

- Размислете за алтернативна терапија	- Нормален физиолошки одговор
- Се препорачува промена на терапијата	- Препорачана терапија
- Силни клинички докази	- Умерени клинички докази
- Нови клинички докази	- Несигурен одговор

Медикамент	Ген	SNP	Генотип	Опис	Референца	Клинички докази	Заклучок
Amphetamine	OPRM1	rs2281617	CC	Генотипот CC се асоцира со зголемена еуфоричност и енергетичност при третман со лекот	PMCID:PMC3377371		
		rs510769	GG	Според досегашните клинички испитувања алелата T претставува	PMCID:PMC3377371		

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				варијантна алела и се асоцира со ризик			
	CDH13	rs3784943	AA	Нормален одговор кон лекот	PMID:27771748		
	CYP2D6	rs5030865	CC	Нормален одговор кон лекот	https://www.snpedia.com/index.php/Rs5030865		
		rs1065852	TC	Алелата Т се асоцира со намален метаболизам на лекот при третман	https://www.snpedia.com/index.php/Rs1065852		
	SLC6A3	rs460000	CC	Нормален одговор кон лекот	PMCID:PMC4454285 https://www.ncbi.nlm.nih.gov/snp/rs460000		
	COMT	rs4680	AG	Алелеата А се асоцира со намалена активност, која довеѓува до зголемени концентрации на	PMID 17008817		

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				допамин во пре-фронтален кортекс			
	KAT2B	rs9829896	AA	Генотипот AA се асоцира со зголемен ризик за појава на зависност при третман со лекот	PMCID:PMC4724343		
	DRD2	rs12364283	AA	Генотипот AA се асоцира со намалување на SSRT	PMCID:PMC2879583		
Atomoxetine	CYP2D6	rs28371725	GG	Нормален одговор кон лекот	https://www.snpedia.com/index.php/Rs28371725		
		rs1065852	TC	Алелата Т се асоцира со намален метаболизам или нефункционален ген	https://www.snpedia.com/index.php/Rs1065852		
		rs3892097	AG	Алелата А се асоцира со намален	https://www.snpedia.com/index.php/Rs3892097		

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				метаболизам на лекот			
		rs5030656	/	/	https://www.snpedia.com/index.php/Rs5030656		
		rs35742686	II	Според досегашните клинички испитувања делеција присутна се асоцира со инактивација на генот	https://www.snpedia.com/index.php/Rs35742686		
	CYP2C19	rs41291556	TT	Нормален одговор кон лекот	https://www.snpedia.com/index.php/Rs41291556		
		rs12248560	TC	Алелата Т се асоцира со ултра зголемен метаболизам на лекот при третман	https://www.snpedia.com/index.php/Rs12248560		
		rs4244285	GG	Нормален одговор кон лекот	PMID:36851891		
	HTR7	rs7905446	/	/	PMID:30874608		

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Dexamethylphenidate	DRD1	rs4532	TC	Алелата С се асоцира со зголемена појава од социјална изолација при третман	PMID:23952191 https://www.ncbi.nlm.nih.gov/snp/rs4532		
	COMT	rs4680	AG	Алелата А се асоцира со појава на странични реакции	PMCID:PMC9031832 https://www.snpedia.com/index.php/Rs4680		
	CES1	rs71647871	/	/	PMID:19733552		
	SLC6A3	rs2550948	AA	Алелата Т претставува референтна алела	PMCID:PMC5583388		
	ADGRL3	rs734644	CC	Генотипот CC се асоцира со зголемен одговор кон лекот	PMID:25989180		
		rs6813183	CC	Генотипот CC се асоцира со зголемен одговор кон лекот	PMID:25989180		
		rs1355368	GG	Генотипот GG се асоцира со	PMID:25989180		

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				зголемен одговор кон лекот			
		rs1868790	/	/	PMCID:PMC5583388		
Dextroamphetamine	DRD1	rs4532	TC	Алелата C се асоцира со зголемена појава од социјална изолација при третман	PMID:23952191		
Lisdexamfetamine	COMT	rs4680	AG	Генотипот AG се асоцира со интермедиерни концентрации на допамин и други ефекти	https://www.snpedia.com/index.php/Rs4680		
	SLC6A3	rs460000	CC	Нормален одговор кон лекот	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC958136/#CR132		
Methylphenidate	CYP2D6	rs1135840	CG	Генотипот CG се асоцира со зголемен клинички бенефит при третман со лекот	PMID:36169235		

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		rs1065852	TC	Алелата Т се асоцира со нефункционалност на генот	PMID:36169235 https://www.snpedia.com/index.php/Rs1065852	
	SNAP25	rs3746544	AA	Алелата А се асоцира со зголемен ризик од појава на ADHD кај пациентот	PMCID:PMC5583388 https://www.snpedia.com/index.php/Rs3746544	
	SLC6A2	rs5569	TC	Според досегашните клинички испитувања алелата С претставува варијантна алела, но се асоцира со нормален ефект има кон лекот	PMID:29230023	
		rs28386840	/	/	PMID:29230023	
	SLC6A3	rs2550948	AA	Нормален одговор кон лекот	PMCID:PMC5583388 https://www.pharmgkb.org/variant/PA166156802 ; https://www.ncbi.nlm.nih.gov/snp/rs2550948	

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	CES1	rs3815583	/	/	PMID:22688218	●
		rs71647871	/	/	PMID:19733552	●
	ADGRL3	rs1868790	/	/	PMCID:PMC5583388	●
		rs1355368	GG	Генотипот GG се асоцира со зголемен одговор кон лекот	PMID:25989180	●
		rs6813183	CC	Генотипот CC се асоцира со зголемен одговор кон лекот	PMID:25989180	◐
		rs734644	CC	Генотипот CC се асоцира со зголемен одговор кон лекот	PMID:25989180	◐
	ADRA2A	rs1800544	/	/	PMID:29230023	●
	COMT	rs4680	AG	Генотипот AG се асоцира со појава на странични ефекти како и	PMCID:PMC9031832 PMID:18214865	●

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				промени во метаболизмот на лекот			
	BDNF	rs6265	GG	Нормален одговор кон лекот	PMID:21733227 https://www.snpedia.com/index.php/Rs6265		
	TH	rs2070762	TC	Алелата С влијае како енхансер врз генот, со тоа и на неговата експресија	PMID:26810137 PMID 18208403		
	DRD1	rs4867798	TC	Генотипот TC се асоцира со зголемен одговор кон лекот	PMCID:PMC4034115		
		rs5326	AG	Генотипот AG се асоцира со зголемен психијатриски ризик	PMCID:PMC4034115 https://www.snpedia.com/index.php/Rs5326		
		rs4532	TC	Нормален одговор кон лекот	PMID:23952191 https://www.ncbi.nlm.nih.gov/snp/rs4532		

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	DRD3	rs6280	TC	Генотипот TC се асоцира со зголемена интолерантност кон лекот	PMCID:PMC4034115		
	DRD4	rs11246226	CC	Нормален одговор кон лекот	PMCID:PMC4034115		
	ABCB1	rs2032582	AC	Алелата A се асоцира со зголемен ризик од странични ефекти	PMID:23771192		
	GRIN2B	rs2284411	CC	Генотипот CC се асоцира со зголемен одговор кон лекот	PMID:27624150		
	PEBP4	rs17685420	/	/	PMCID:PMC5789875		

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