

Understanding Your VUS Epilepsy Genetic Test Result

INFORMATION FOR PATIENTS WITH ONE OR MORE VARIANTS OF UNKNOWN SIGNIFICANCE (VUS)

Result	VUS	The testing for you/your family member found one or more variants of unknown significance (VUS) in a gene(s) that causes epilepsy. A VUS is a gene change, but there is not enough information available about this change to know if it causes epilepsy or not.
Gene	DEFINITION	Genes are instructions for how our bodies work and develop. Everyone has two copies of each gene, one from each parent. Mutations (changes in the gene, like spelling mistakes) in certain genes are known to cause epilepsy.
Diagnosis	NO CHANGE	This testing does not change your/your family member's epilepsy diagnosis. If you or your family member have been diagnosed with epilepsy, that remains the same.
Family Members	POSSIBLE TESTING	Your report will indicate if testing family members may help us learn more about your specific VUS. Please speak with your healthcare provider to determine if they might also benefit from a test to evaluate their personal risk of developing a disease.
Management Options	FOR PATIENTS WITH EPILEPSY	Medical management options can include: medication, specific diet, surgery, or avoiding certain situations that can bring on seizures. Talk to your healthcare provider about which option(s) may be right for you/your family member.
Reclassification	POSSIBLE	Collecting information about a VUS is an ongoing process, so it is possible that your result may be better understood in the future. The healthcare provider that ordered your test will be notified if new information becomes available about your VUS.
Next Steps	DISCUSS	Please share this information with your family members so they can talk with their healthcare provider to learn more.
Reach Out	RESOURCES	American Epilepsy Society aesnet.org Citizens United for Research in Epilepsy cureepilepsy.org Epilepsy Foundation epilepsy.com National Society of Genetic Counselors nsgc.org Canadian Association of Genetic Counsellors cagc-accg.ca

Please discuss this information with your healthcare provider. The field of genetics is continuously changing, so updates related to your epilepsy genetic testing result, medical recommendations, and/or potential treatments may be available over time. This information is not meant to replace a discussion with a healthcare provider, and should not be considered or taken as medical advice.