

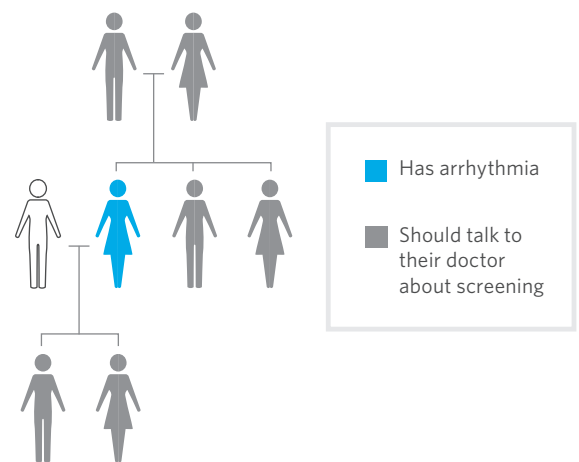
Understanding Your Negative Arrhythmia Genetic Test Result

INFORMATION FOR PATIENTS

Result	NEGATIVE	Your testing did not find any gene changes (mutations) that cause arrhythmia. Only 30% of patients with Brugada syndrome and 75% of patients with long QT syndrome have a mutation in a gene in this test. You may have a mutation in a gene that was not included in this test. If someone in your family has a specific mutation in one of these genes in this test, it is likely that you do not carry that mutation.
Diagnosis	NO CHANGE	This testing does not change your cardiovascular diagnosis. If you have been diagnosed with long QT syndrome or some other arrhythmia, that remains the same.
Further Testing	DISCUSS	More genetic testing may be right for you. Please talk about this with your doctor or genetic counselor.
Management Options	PATIENTS WITH AN ARRHYTHMIA	Treatment options include: medications, surgery, pacemakers, implantable cardioverter defibrillators (ICDs), or avoiding certain athletic activities. Talk to your doctor about which may be right for you.
Screening Options	PATIENTS WITH A FAMILY HISTORY OF ARRHYTHMIA, BUT NO SIGNS OF IT THEMSELVES	Options for screening and early detection include: physical exams or electrocardiograms (EKGs). Talk to your doctor about whether these options are right for you.
Next Steps	DISCUSS	Please share this with family members so they can talk with their doctors and learn more.
Reach Out	RESOURCES	<ul style="list-style-type: none"> • Ambry's Cardiology Site for Families patients.ambrygen.com/cardiology • National Society of Genetic Counselors nsgc.org • Sudden Arrhythmia Death Syndromes (SADS) Foundation sads.org • Genetic Information Nondiscrimination Act (GINA) ginahelp.org

Arrhythmias in the Family

Even though your genetic testing was negative, some arrhythmias (including Brugada syndrome and long QT syndrome) can still run in families. All close family members of someone with an inherited arrhythmia (like parents, brothers, sisters, children) should talk with their doctor about screening.



Please talk with your doctor or genetic counselor about this. The field of genetics is continuously changing, so updates related to your 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.