

# Understanding Your Positive *MAX* Genetic Test Result

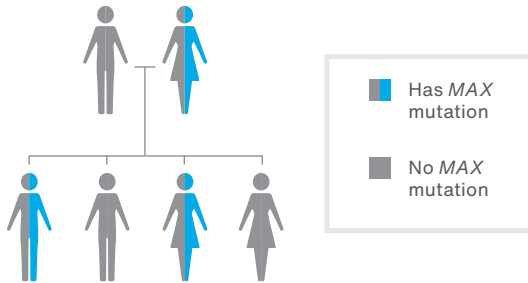
INFORMATION FOR PATIENTS WITH A PATHOGENIC MUTATION OR VARIANT, LIKELY PATHOGENIC

## 4 Things to Know

1	<i>MAX</i> mutation	Your testing shows that you have a pathogenic mutation or a variant that is likely pathogenic in the <i>MAX</i> gene.
2	Tumor risks	You have an increased chance to develop pheochromocytomas (PCCs), paragangliomas (PGLs), and possibly kidney tumors or neuroendocrine tumors (tumors that affect the nervous system or hormone-producing glands).
3	What you can do	Risk management decisions are very personal. There are options to detect cancer early or lower the risk to develop cancer. It is important to discuss these options with your healthcare provider and decide on a plan that works for you.
4	Family	Family members may also be at risk – they can be tested for the <i>MAX</i> mutation that was found in you. It is recommended that you share this information with your family members so they can learn more and discuss with their healthcare providers.

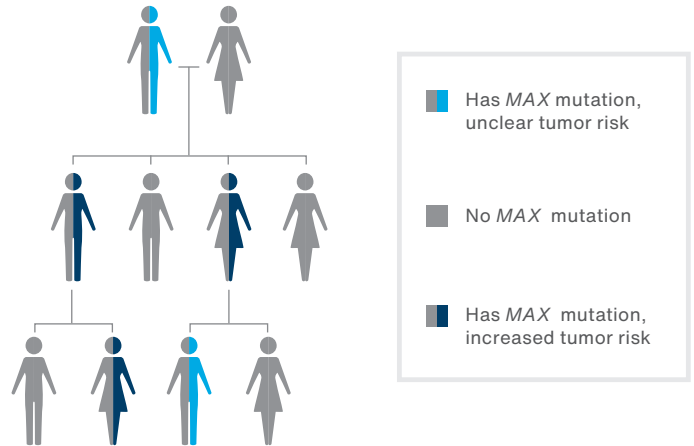
### *MAX* Mutations in the Family

There is a 50/50 random chance to pass on a *MAX* mutation to your sons and daughters. The image below shows that both men and women can carry and pass on these mutations.



### *MAX* Tumor Risk in the Family

*MAX* mutations are equally inherited from your mother or father. Evidence suggests that the risk for tumors may be higher when the *MAX* mutation is inherited from your father. The image below demonstrates this.



Reach Out	<b>RESOURCES</b>	<ul style="list-style-type: none"> <li>• Pheo Para Alliance <a href="http://pheo-para-alliance.org">pheo-para-alliance.org</a></li> <li>• Pheo Para Troopers <a href="http://pheoparatroopers.org">pheoparatroopers.org</a></li> <li>• Genetic Information Nondiscrimination Act (GINA) <a href="http://ginahelp.org">ginahelp.org</a></li> <li>• National Society of Genetic Counselors <a href="http://nsgc.org">nsgc.org</a></li> <li>• Canadian Society of Genetic Counsellors <a href="http://cagc-accg.ca">cagc-accg.ca</a></li> </ul>
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Please discuss this information with your healthcare provider. The cancer genetics field is continuously evolving, so updates related to your *MAX* 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 interpreted as medical advice.