Understanding Your Genetic Test Result

Genetic Variant of Uncertain Significance

MELARIS®

This workbook is designed to help you understand the results of your genetic test and is best reviewed with your healthcare provider. Please verify that your test result matches the following information by looking at the patient copy of your test result or contacting the healthcare provider who ordered your test. If your test result does not match, please disregard this brochure, and contact your healthcare provider.

Your Genetic Test Result

THE GENETIC TEST YOU RECEIVED

Comprehensive MELARIS®:

Full sequence analysis of the *p16* gene.

YOUR TEST RESULT

Genetic Variant of Uncertain Significance

Overview of Your Test Result

Mutations in the *p16* gene are the most common known cause of hereditary melanoma syndrome.

- A change was detected in the *p16* gene but it is not known if this change is linked to cancer.
- This change is called a genetic variant of uncertain significance.
- Ongoing efforts to gather information about genetic variants of uncertain significance, such as the one identified in your test, will continue.
- If new information becomes available about your variant, it will be sent to the healthcare provider who ordered your test.

Your Cancer Risks

- Your cancer risks should be estimated based on your personal and family history of cancer.
- Your healthcare provider can assist you in understanding these risks.
- The possibility remains that your cancer risks could be increased due to:
  - ◊ Ultimately finding that your variant causes hereditary melanoma syndrome.
  - ◊ Other non-hereditary factors (for example: environment).
  - ◊ Another hereditary cancer syndrome.
  - ◊ A mutation in *p16* that current technology cannot detect.

Managing Your Risks

- It is best to manage your cancer risks based on your personal and family history.
- You and your healthcare provider can develop the most appropriate plan for your medical management.
- Your healthcare provider can help you determine whether any further genetic testing should be offered to you or to a family member.

It's a Family Affair

- Based on your test result it is not clear if hereditary melanoma syndrome caused by the *p16* gene runs in your family.
- Some of your relatives may be offered research testing at no charge to gather more information about your variant. Talk to your healthcare provider about this option.

Myriad has resources available to help you with your genetic test result.

- **Contact Myriad's Medical Services Department at 800-469-7423 for:**
  - Answers to questions about your test result.
  - Information about additional genetic testing for your relatives.
- **Or, visit Myriad's website for:**
  - A sample letter that can be sent to relatives who may need genetic testing can be found at www.myriadpro.com/melarisfamilyletters
  - A healthcare provider who can offer genetic testing to relatives in any state can be found at https://www.mysupport360.com/find-provider/

If you need a copy of your genetic test result, please contact the healthcare provider who ordered your test.

Notes/Questions

Next Steps

Please work with your healthcare provider to determine the most appropriate next steps for you.

- ❑ Obtain a copy of your test result
- ❑ Schedule consultations with appropriate healthcare providers (list below)

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- ❑ Create a plan for medical management

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- ❑ Share your genetic test result with your relatives
- ❑ Re-contact your healthcare provider on a regular basis for new information

Notes/Questions

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MySupport360.com

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ME3GeneticVariant