Welcome to the Individualized Medicine (IM) Clinic. Our goal is to help diagnose medical conditions which have a suspected genetic cause. The IM Clinic offers the following:

- Consultations with genomic medicine specialists
- Genomic tests
- Access to experts who work together to interpret your genomic test results
- Potential diagnosis of a genetic-based medical condition

Specific genomic tests may be recommended for you based on your personal situation, medical history, family history and reason for being seen in the IM Clinic.
EXAMPLES OF GENOMIC TESTS INCLUDE:

**Multi-Gene Panel** – Many genes are evaluated (sequenced) at the same time to look for possible DNA changes (variants) found in genes inherited from your biological mother and father.

**Whole Exome Sequencing (WES)** – A specific part of your genome called the exome is sequenced to look for possible DNA variants found in your genes inherited from your biological mother and father.

Genomic testing may identify a genetic variant that provides a specific medical diagnosis. This may help to guide your medical care plan that is recommended by your health care provider. However, there is no guarantee that a diagnosis will be made from this testing or that your care plan will be changed.

WHO WILL I MEET WITH IN THE IM CLINIC?

There are several specialists who care for patients in the IM Clinic. In most situations, you will meet with a physician who specializes in genomic medicine. He or she will talk with you about the risks and benefits of genomic testing. This physician may recommend you see other specialists.

You will also meet with a genetic counselor who will provide information to help you decide about moving ahead with genomic testing.

Genetic counseling will help you:

- Understand how genomic testing may or may not help your medical situation
- Address the financial and emotional aspects of having testing
- Prepare you for the potential results
- Understand how the possible results might affect you and your family members

HOW CAN I PREPARE FOR THE APPOINTMENT IN THE IM CLINIC?

Please fill out the family medical history form on the next page as completely as possible to record important information about you (or your child) and biological relatives. A genetic counselor will review your completed family medical history form during the visit.

In addition, if you, your child, or any biological relatives have had previous genetic testing, please bring a copy of those results with you.

If this appointment is for your child and testing is ordered, blood samples from both biological parents are typically needed to help interpret the results of WES. If possible, having both parents attend the IM Clinic appointment is helpful.

Insurance companies may or may not cover this testing, depending on your specific policy and your reasons for testing. Contact your insurance provider about coverage prior to testing if this is a concern. It may be helpful to get the ICD-9 procedure and CPT billing codes for the specific lab tests from your health care provider before you call the insurance company. Your genetic counselor may also be able to work with the laboratory to complete an insurance preauthorization if you choose to proceed with testing.

HOW LONG WILL IT TAKE TO COMPLETE THE GENOMIC TESTING?

It may take several weeks to months to get your genomic test results.

HOW WILL I RECEIVE MY RESULTS?

Once your results are available, your IM Clinic team will review the information. They will research variants reported by the laboratory which may identify a diagnosis.

The results from your genomic testing will be shared with you and your health care provider, or your child’s health care provider, who will then meet with you to discuss how those results may affect your care.

FOR MORE INFORMATION:

Please visit the following websites:

- Mayo Clinic Center for Individualized Medicine: http://mayoresearch.mayo.edu/center-for-individualized-medicine/genomics-in-patient-care.asp
- Mayo Clinic Center for Individualized Medicine – Glossary: http://mayoresearch.mayo.edu/center-for-individualized-medicine/glossary.asp

These links are provided for general education and information only, and should not be relied upon for personal diagnosis or treatment.

If you have further questions, you may talk with your health care provider.

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FAMILY MEDICAL HISTORY FORM

You have been scheduled to meet with a genetic counselor to discuss your personal and family medical history. You will be asked for information about your family members, including:

- Mother and father
- Grandparents
- Children
- Brothers and sisters (including half-siblings)
- Grandchildren
- Aunts and uncles
- Nieces and nephews
- First cousins

The discussion of your family history will be focused on medical diagnoses in your family. Please gather as much medical information about your biological family members as you can. Examples of important information include:

- Cancer (including site and type of cancer if known) (For example: invasive ductal breast cancer)
- Intellectual disability or developmental delay
- Birth defects
- Blindness or deafness
- Multiple miscarriages (3 or more), stillbirths, or infant deaths
- Muscle diseases
- Neurological diseases
- Any known genetic/inherited condition
- Symptoms similar to yours

Thank you for completing this form.

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<tr>
<th>Relative’s Name (Biological only)</th>
<th>Relationship to You (e.g. brother, aunt)</th>
<th>Disease or Health Condition</th>
<th>Age at Diagnosis</th>
<th>Status</th>
<th>Current Age or Age at Death</th>
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<td>Maternal uncle</td>
<td>Pancreatic cancer (adenocarcinoma)</td>
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<td>Living</td>
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