Welcome to the Individualized Medicine (IM) Clinic. Our goal is to provide individual care based on your personal health condition, genes, goals and values.

Your health care provider has referred you to the IM Clinic where we offer:

- Consultations with genomic medicine specialists
- Genomic tests
- Access to experts who work together to interpret your genomic test results
- Recommendations, when appropriate, for further cancer treatment options

Specific genomic tests may be recommended for you based on your personal cancer 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) related to your cancer.

Whole Exome Sequencing (WES) – A specific part of your genome called the “exome” is looked at to identify DNA variants related to your cancer. The exome of your cancer cells is compared to the exome of your normal cells. The side-by-side comparison helps scientists identify the DNA variants unique to your cancer cells.

The purpose of identifying the DNA variants in cancer cells is to be able to offer, when possible, a more effective treatment to target the variant(s) causing your cancer.

Even if variants are identified, there may not be any better treatment options than what is currently recommended.

WHAT ELSE CAN I EXPECT DURING MY IM CLINIC VISIT?

Your medical history, family history and previous tests will be reviewed. The following may be recommended:

- Blood test
- Imaging test (for example, MRI, CT scan, etc.)
- Biopsy
- Surgery

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 members will review the information. They will review variants in your DNA that may be related to your cancer to identify potential treatment options. These results will be shared with you and your health care provider, who will discuss treatment options with you.

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.

507-284-2511  480-301-8000  904-953-2000

WHO WILL I MEET WITH IN THE IM CLINIC?

You will first meet with a physician specializing in genomic medicine, who will talk with you about the risks and benefits of genomic testing for your specific situation. This physician might give you recommendations or arrange for you to be seen by other specialists.

You also will 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 test results may affect family members

After all your genomic testing is done and you have a plan of care, you will go back to your regular health care provider who will manage your long-term medical care.

HOW CAN I PREPARE FOR MY APPOINTMENT AT THE IM CLINIC?

Please fill out the family cancer history form as completely as possible.

A genetic counselor will go over your family’s cancer history during your visit.

If you or a family member has had previous genetic testing related to cancer, bring a copy of those results.
FAMILY CANCER HISTORY FORM

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

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

The discussion of your family history will be focused on the diagnoses of cancer in your family. Please list in the chart below family members who have been diagnosed with cancer. Please include the following:

- Type of cancer (including cancer site and type if known. For example: invasive ductal breast cancer)
- Include only the primary site of the cancer, not metastatic sites (for example, if an individual was diagnosed with colon cancer that spread to the liver, you only need to list colon cancer)
- Age at diagnosis

Thank you for completing this form.

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<th>Relative's Name</th>
<th>Relationship to you (e.g. brother, paternal aunt)</th>
<th>Status</th>
<th>Current age or age at death</th>
<th>Cancer type</th>
<th>Age at time of cancer diagnosis</th>
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<td>EXAMPLE: Joe</td>
<td>Maternal uncle</td>
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<td>85</td>
<td>Pancreatic cancer (adenocarcinoma)</td>
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