What is Gene Expression Classifier (GEC) Testing?

- Gene expression classifier (GEC) testing can be performed on prostate biopsies to provide additional information about your cancer in a personalized report. It is performed on tissue from your prior biopsy.

- There are three different types of GEC testing: Decifer, Oncotype Dx GPS, and Prolaris that look at disease aggressiveness and likelihood of it spreading to other parts of the body. However, the impact this infomation has on patient care is still being understood.

- For patients in this study, your doctor will review with you the askMUSIC report, an online tool that provides information on treatment decisions made by other men in Michigan with similar characteristics.

For more information, please visit:
www.musicUrology.com/GMAJOR

For additional information regarding this informational brochure, please contact us at:

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MUSIC is sponsored by:

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Improving Prostate Cancer Care in Michigan: now and in the future

What is MUSIC and MROQC?

Your doctor is a member of the:

- **M**ichigan **U**rological **S**urgery **I**mprovement **C**ollaborative (**MUSIC**), focused on improving urologic care for patients in Michigan.

    or

- **M**ichigan **R**adiation **O**ncology **Q**uality **C**onsortium (**MROQC**), focused on improving radiation treatment for patients in Michigan.

MUSIC and **MROQC** have come together to improve care for prostate cancer patients now and in the future.

What is G-MAJOR?

The **G**enomics in **M**ichigan to **A**d**J**ust **O**utcomes in Prostate Cance**R** (**G-MAJOR**) research project is a randomized clinical trial (study that randomly assigns participants to one arm to fairly understand outcomes) that aims to assess if information from gene expression classifier (GEC) testing is helpful for both patients and their doctors in the management of care for newly diagnosed prostate cancer patients.

Who participants in G-MAJOR?

Patients who have been newly diagnosed with prostate cancer, undergone a prostate biopsy in the past 9 months, and:

- Age 18 years or older
- PSA <20 ng/mL
- Gleason score 3+3=6 prostate cancer with more than 2 biopsy cores positive or Gleason score 3+4=7 prostate cancer.

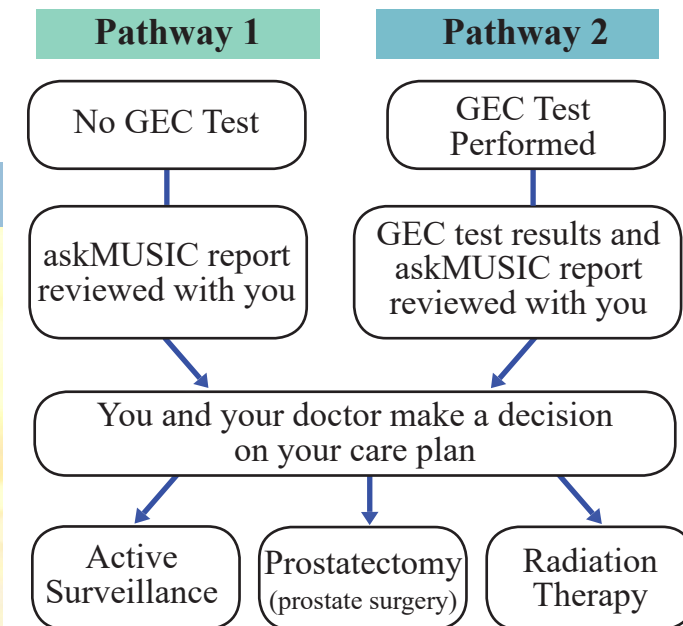*Participation is voluntary and confidential.*

PSA: blood sample test measuring the amount of prostate-specific antigen protein being produced by the prostate.

Gleason Score: determined by comparing abnormal cells to healthy cells from biopsy tissue and how likely they are to grow and spread.

How do I participate?

☑ After signing a written informed consent:

- You will be randomly assigned to one of the trial pathways (see below).
- A sample of your prostate biopsy tissue will be sent to a processing lab by your study team.

Pathway 1	**Pathway 2**
No GEC Test	GEC Test Performed
askMUSIC report reviewed with you	GEC test results and askMUSIC report reviewed with you

You and your doctor make a decision on your care plan

Active Surveillance	Prostatectomy (prostate surgery)	Radiation Therapy

☑ After you select a treatment:

- Your doctor will encourage you to participate in the MUSIC **P**atient **R**eported **O**utcomes (**PRO**) program to better understand your health and function before and after surgery.
- You will receive a questionnaire to complete at enrollment and at 1*, 3, 6, 12, 24, and 36 months after treatment or diagnosis.

*PRO 1 month questionnaire sent only to patients with email access.