Precision Genomics at IU Health: Step by step



- **1. Talk about it.** You and your doctor should talk about whether the Precision Genomics program may be right for you. If you qualify and decide to move forward, your doctor will submit your cancer profile to the IU Health Precision Genomics program.
- **2. Initial consultation and testing.** Once you've been accepted to the program, you'll meet with a precision genomics team at a nearby IU Health Precision Genomics location.

During this appointment, you will:

- Learn more about the program and have your questions answered
- Be examined by one of our medical oncologists
- Have blood drawn
- Have a biopsy
- **3. Genomic testing.** Your tumor tissue's DNA will undergo DNA sequencing, which includes a review of how your genes are arranged. Your own genetics, known as germline DNA (the DNA you were born with), may also be analyzed. This allows us to scan everything and have the most comprehensive view of your cancer's attributes.



4. Your evaluation. The multi-disciplinary Clinical Conference experts will review the results of your genomic testing and will debate and discuss the best genomic-directed treatment options for you. They will also determine if your DNA is predisposed to respond positively or negatively to existing cancer treatment therapies, which will help rule in or rule out specific drugs. This team will then compose comprehensive treatment recommendations that may include starting new drug therapies or participating in clinical trials.



5. Reviewing your options. Once the Clinical Conference team outlines its recommendations, you will have another consultation appointment at the nearby Precision Genomics clinic to review them. Along with certain treatments, you may also be given the opportunity to participate in a clinical trial.



6. Path forward. You and your oncologist will review the team's recommendation to decide together what course of action to take that may be most effective in treating your cancer *and* providing a better quality of life.