My Retina Tracker Program: Open access genetic testing program for patients with inherited retinal degeneration (IRD)

My Retina Tracker Program

The My Retina Tracker® Program provides individuals with a clinical diagnosis of inherited retinal degeneration (IRD), no-cost genetic testing and genetic counseling.

This Program is sponsored by the Foundation Fighting Blindness, a nonprofit organization dedicated to finding treatments for IRD. The genetic testing is performed at Blueprint Genetics and the genetic counseling services are provided by InformedDNA.

You can find more information at **blueprintgenetics.com/my-retina-tracker-program.**

How to order

- Go to blueprintgenetics.com/my-retina-tracker-program to find more information and to order a My Retina Tracker Program sample collection kit with pre-paid return shipment labels.
- To place the order, log in to nucleus.blueprintgenetics. com. If you are a new user, create an online account free-of-charge.
- Select medical specialty “Ophthalmology” and then select “My Retina Tracker” program panel.
- Fill in the requisition form and submit. A printed copy of the order is not required.
- Provide Blueprint Genetics the Sponsored Genetic Testing Informed Consent form signed by the patient (upload into Nucleus, fax or send with the patient sample).
- For further assistance, please contact support.us@blueprintgenetics.com.

Benefits for your patient

- This test is specifically targeted to the inherited retinal diseases. It is the most accurate, scientifically advanced, and highest quality test widely available to patients today.
- Patients are eligible to receive best-in-class genetic counseling through InformedDNA to review their results at no cost.
- A genetic diagnosis can lead to personalized treatment and medical management.
- Testing may identify family members who are at risk to develop an IRD. The genetic counselors at InformedDNA can support those family members, regardless of geographic location.
- Patients have the opportunity to enroll in the Foundation Fighting Blindness My Retina Tracker Registry to support research and development in the field of IRDs.

Eligibility

The individual must:

- Be clinically diagnosed with one of the inherited retinal diseases listed on the program website at blueprintgenetics.com/my-retina-tracker-program.
- Not have had genetic testing of more than 32 IRD-related genes since 2016.
- Live in the USA.

This test is not a screening tool and must not be used for attempted molecular diagnosis of: age-related macular degeneration, glaucoma, optic neuropathy, cornea/anterior chamber disease, diabetic eye disease, and non-genetic ocular or retinal damage diagnosis not listed in the requisition.

Read more:
www.blueprintgenetics.com/my-retina-tracker-program.

FOUNDATION FIGHTING BLINDNESS

InformedDNA® Genetics, Decoded.

Blueprint Genetics

An accurate genetic diagnosis is critical for any person affected with an inherited retinal disease.

High quality genetic testing

Blueprint Genetics' 285 gene panel is one of the most comprehensive and high quality IRD tests on the market and includes:

- Excellent coverage of the difficult-to-sequence *RPGR* gene which explains 70-90% of cases of X-linked retinitis pigmentosa.
- High resolution of copy number variants (CNVs), maximizing the diagnostic potential for your patient. According to our research, approximately 5% of all patients with an IRD have a CNV that would not be detected by sequencing alone.
- Clinically relevant non-coding variants (not included in most available IRD genetic tests).

Informed Consent and data sharing

- The genetic testing provider, Blueprint Genetics, will only share deidentified patient data with Sponsors. This data is limited to the clinical diagnosis, age range, gender and genes and variants associated with IRD. No patient identifiable information or raw sequence data will be shared.
- We may share information on the healthcare provider taking care of the patient, such as contact information.
- Accepted Sponsors are organizations that have ethically and/or regulatory approved clinical studies, trials or treatments related to IRD.
- Blueprint Genetics may use the samples and data internally to improve the understanding and diagnostics of IRD. No samples or identifiable research data will be shared with third parties without express permission from the patient.
- All patients are required to sign the Sponsored Testing Program Informed Consent form. Download the consent form at blueprintgenetics.com/my-retina-tracker-program.

Comprehensive genetic counseling

- During the online test requisition process, the healthcare provider will have the opportunity to request no-cost genetic counseling through InformedDNA or indicate they will provide counseling locally.
- Each of the genetic counselors at InformedDNA has undergone extensive training in ophthalmology genetics. This expertise is highly valued by the patient community, leading to >95% patient satisfaction scores.
- The sessions at InformedDNA are comprehensive, with a review of medical and family history, interpretation of genetic variants, correlation with disease, and medical management recommendations.
- Following the sessions, patients and providers receive a formal summary report and a detailed pedigree taken by expert genetic counselors.

Encourage your patients to join the My Retina Tracker Registry

Support prevention, treatments, and cures for people affected by blinding retinal diseases. The The Foundation Fighting Blindness My Retina Tracker Registry enables patients with inherited retinal disease, their doctors and research community to actively work together and promote research and development in the field. Individuals with an IRD are encouraged to enroll in the My Retina Tracker Registry; however, enrollment is not mandatory. Patient brochures about the Registry are available for your office on request from **Coordinator@MyRetinaTracker.org.**

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