



GeneTestAdvisor (GTA)

Genetic counselors helping optimize genetic test selection

Created in collaboration between Metis Genetics® and PLUGS®,
GTA is a genetic test stewardship service providing:

- Medical necessity**
- Optimal test selection**
- Cost efficiency**

With over **75,000 genetic tests available** in the U.S. and **over 10 added every day¹**, GTA assists healthcare systems, providers, and payers with identifying the **~30% of tests ordered inappropriately**.

GeneTestAdvisor genetic testing stewardship service:

- is customizable**
start big or small, learn your providers' ordering patterns, and adjust as needed
- provides expert support**
to your providers to educate them regarding optimal test selection
- saves money**
while prioritizing medical necessity and professional guidelines

Case example: GTA potential cost savings on WES orders²

WES Order Review Guidance	Number of Cases	Estimated Cost Savings
CANCELED -----	30 -----	\$122,000
MODIFIED -----	6 -----	\$ 17,000
APPROVED -----	8 -----	\$ 0
Net cost savings* -----		\$130,000

The above example is based on simulated prospective case review of Whole Exome Sequencing (WES) orders. Estimated test charges were \$3000–\$4500 for WES, based on the average charge at three major reference laboratories; and \$890–\$2500 for panel tests.

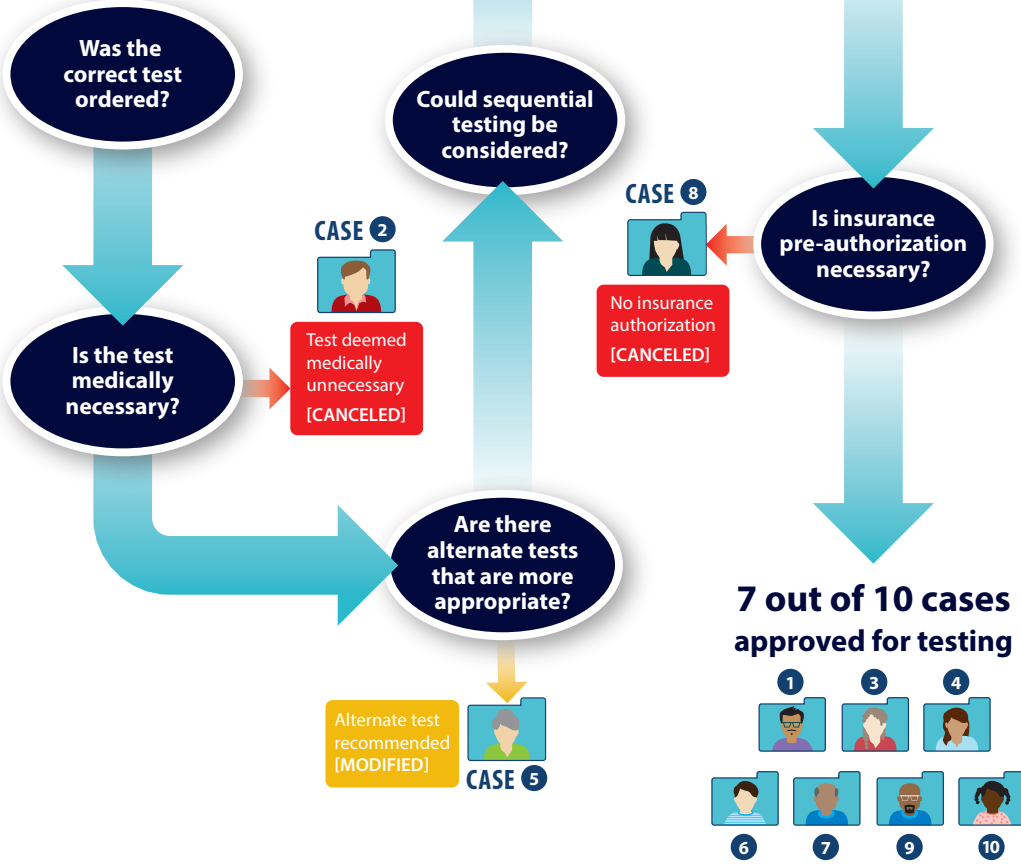
*Net cost savings was calculated after case review fee applied. See reference 2.



For details on our process, see the back of this page ►

GeneTestAdvisor: Our process

Cases submitted for review (10)



30% of genetic tests ordered are inappropriate and should be modified or canceled^{3,4}

Contact us to learn how GeneTestAdvisor can assist you **844.463.8474 / support@metisgenetics.com**



METIS
GENETICS

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Seattle Children's
HOSPITAL • RESEARCH • FOUNDATION

PLUGS

Patient-centered
Laboratory Utilization
Guidance Services

¹<https://www.concertgenetics.com/resources/2018-current-landscape-genetic-testing/>

²Conway ME, et al. The Importance of Genetics Experts in Optimizing Genetic Test Orders Through Prospective and Retrospective Reviews, Am J Clin Pathol, aqz188, <https://doi.org/10.1093/ajcp/aqz188>

³Miller CE, et al. Genetic counselor review of genetic test orders in a reference laboratory reduces unnecessary testing. Am J Med Genet A. 2014;164A(5):1094-101.

⁴Seattle Children's Hospital data collected September 2011–September 2013.