

CIGNA PRECISION MEDICINE CLINICAL POLICY

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Together, all the way.®



Cost



- The cost to draft a whole human genome sequence:
 - 2006: \$14,000,000
 - 2015: \$4,000
 - 2018: less than \$1,000



Cigna Clinical Policy



- Considerable interest in developing policy in 2012 with BRCA testing becoming mainstream.
- Created a partnership with InformedDNA to inform precision medicine policy and guide clinical determinations.
- InformedDNA provides competencies, genetic counselors and offers research for coverage policy.



Cigna Clinical Policy – continued



- As part of the precision medicine policy, Cigna requires that genetic counseling be done pre and post testing.
- The genetic counselor must be independent, not affiliated with the lab performing testing.
- Counseling can be completed by the ordering provider.
- If the genetic counselor agrees that testing is appropriate, testing will be approved by Cigna even if the request does not satisfy medical necessity guidelines.
- Counseling can be completed in person or telephonically within 24-48 hours.



Cigna Clinical Policy – continued



- Goals of Cigna's precision medicine clinical policy include:
 - Ensuring patients receive appropriate testing.
 - Necessary follow-up.
 - A clearly defined plan of care.



Cigna Clinical Policy – continued



- Potential concerns:
 - Given the rapid advancement of precision medicine, many tests exist without a clear understanding of what to do with the results.
 - Other concerns include subjecting patients to unnecessary subsequent tests, invasive procedures, anxiety and costs.



Future Directions



- Prenatal testing – continues to advance, no genetic counseling required.
- Molecular Profiling – many cancers with increased understanding of tumor drivers.
- Pharmacogenomics – no screening approval currently, but continuing to assess.



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