Genetic Testing: Epilepsy, Neurodegenerative, and Neuromuscular Conditions 2025.1 Effective: 1/1/2025 Last Revision: 8/23/2024 Last Clinical Review: 8/1/2024

EPILEPSY MULTIGENE PANEL

- I. The use of an epilepsy multigene panel (81185, 81189, 81302, 81406, 81419, 81479) is considered **medically necessary** when:
 - A. The member has a history of unexplained epilepsy (i.e., seizures not caused by acquired etiology such as trauma, infection, structural brain abnormality, and/or stroke).
- II. The use of an epilepsy multigene panel (81185, 81189, 81302, 81406, 81419, 81479) is considered **investigational** for all other indications.

REFERENCES

 Smith L, Malinowski J, Ceulemans S, Peck K, Walton N, Sheidley BR, Lippa N. Genetic testing and counseling for the unexplained epilepsies: An evidence-based practice guideline of the National Society of Genetic Counselors. J Genet Couns. 2022 Oct 24. doi: 10.1002/jgc4.1646. Epub ahead of print. PMID: 36281494.

