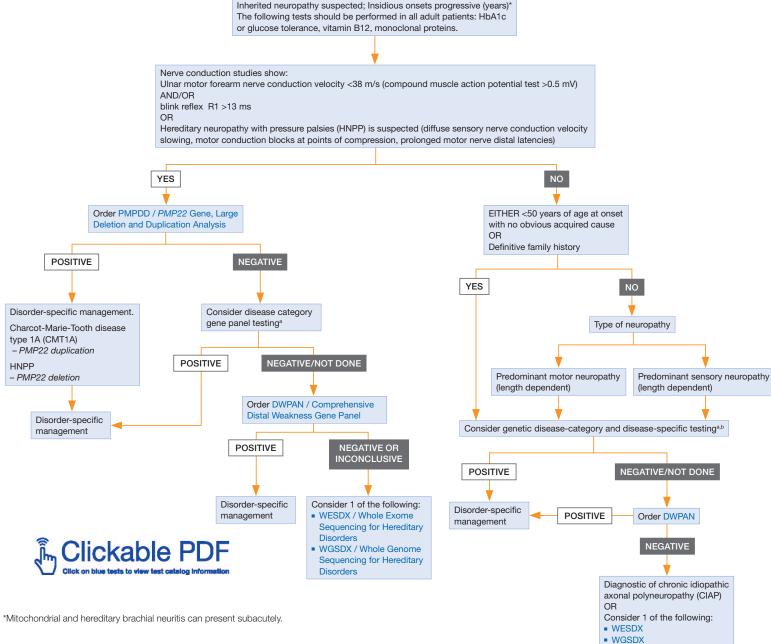


Hereditary Peripheral Neuropathy Diagnostic Algorithm



Disease category gene panel testing^a

- PEPAN / Comprehensive Peripheral
- Neuropathy Gene Panel (186 genes)
- IMSNP / Inherited Motor and Sensory Neuropathy Gene Panel (87 genes)
- IMNP / Inherited Motor Neuropathy Gene Panel (24 genes)
- ISNP / Hereditary Sensory
 Neuropathy Gene Panel (23 genes)
- CMITO / Combined Mitochondrial Full Genome and Nuclear Gene Panel (221 mitochondrial nuclear genes and entire mitochondrial genome)
- ISPP / Inherited Spastic Paraplegia Gene Panel (128 genes)
- ATAXP / Inherited Ataxia Gene Panel (198 genes)
- CGPH / Custom Gene Panel, Hereditary; stating disease state: Neurology Disorder

Disease-specific testing^b

Testing required for FDA-approved treatment

- SMNDX / Spinal Muscular Atrophy Diagnostic Assay, Deletion/ Duplication Analysis
- TTRZ / TTR Gene, Full Gene Analysis (transthyretin familial amyloid)
- Fabry Disease
- AGAS / Alpha-Galactosidase, Serum
- FABRZ / Fabry Disease, Full Gene Analysis
- SOD1Z / SOL1 Gene, Full Gene Analysis (ALS)

Others

- C9ORF / C9orf72 Hexanucleotide Repeat, Molecular Analysis (ALS)
- SORD / Sorbitol and Xylitol,
 Quantitative, Random, Urine (SORD1 motor neuropathy)
- SEP9Z / SEPTIN9 Gene Full Gene Analysis
- CANVAS syndrome (RCF1 gene)
- AFXN / Friedreich Ataxla, Repeat Expansion Analysis
- SBULB / Spinobulbar Muscular Atrophy (Kennedy Disease), Molecular Analysis