

# **Mitochondrial Disorders, Diseases and Syndromes**

Represented by CMDN / EMDN

**Alpers Disease (Progressive Infantile Poliiodystrophy)**  
**Barth Syndrome / LIC (Lethal Infantile Cardiomyopathy)**  
**Caritine-Acyl-Carnitine Deficiency**  
**Carnitine Deficiency**  
**Co-Enzyme Q10 Deficiency**  
**Mitochondrial Respiratory Chain Disorders**  
**Complex I Deficiency**  
**Complex II Deficiency**  
**Complex III Deficiency**  
**Complex IV / COX Deficiency**  
**Complex V Deficiency**  
**CPEO (Chronic Progressive External Ophthalmoplegia Syndrome)**  
**CPT I Deficiency**  
**CPT II Deficiency**  
**KSS (Kearns-Sayre Syndrome)**  
**Lactic Acidosis**  
**LCAD (Long-Chain Aycl-CoA Dehydrogenase Deficiency)**  
**LCHAD**  
**Leigh Disease or Syndrome (Subacute Necrotizing Encephalomyelopathy)**  
**LHON (Leber Hereditary Optic Neuropathy)**  
**Luft Disease**  
**MAD / Glutaric Aciduria Type II (Multiple Acyl-CoA Dehydrogenase Deficiency)**  
**MACD (Medium Chain Acyl-CoA Dehydrogenase Deficiency)**  
**MELAS (Mitochondrial Encephalomyopathy, Lactic Acidosis and Stroke Like Episodes)**  
**MERRF (Myoclonic Epilepsy and Ragged Red Fibre Disease)**  
**Mitochondrial Cytopathy**  
**Mitochondrial DNA Depletion**  
**Mitochondrial Encephalopathy**  
**Mitochondrial Myopathy**  
**MINGIE (Myoneurogastointestinal Disorder and Encephalopathy)**  
**NARP (Neuropathy, Ataxia and Retinitis Pigmentosa)**  
**Pearson Syndrome**  
**Pyruvate Carboxylase Deficiency**  
**Pyruvate Dehydrogenase Deficiency**  
**SCAD (Short-Chain Acyl-CoA Dehydrogenase Deficiency)**  
**SCHAD**  
**VLCAD (Very Long-Chain Aycl-CoA Dehydrogenase Deficiency)**

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