

# **DYSTONIA WITH MYOCLONUS**

## **INHERITED**

### **Autosomal dominant**

Myoclonus dystonia

- DYT 11 (SGCE mutations)
- DYT 15 (Chr 18)
- DYT23 (ANO3 mutations)
- With lower limb action myoclonus

Benign hereditary chorea secondary to NKX2-1 mutations

DYT 1 (Torsin gene mutations)

DYT 6 (THAP1 mutations)

SCA14 (PRKCG mutations)

### **Autosomal recessive**

Tyrosine hydroxylase deficiency

Polymerase gamma (POLG) mutations

Neuronal ceroid lipofuscinosis

Succinic semialdehyde dehydrogenase deficiency

Ataxia telangiectasia

### **Chromosomal**

Chromosome 18p deletion

Russell-Silver syndrome associated with mUPD7

## **ACQUIRED**

### **Perinatal brain injury**

Cerebral palsy

### **Immune-mediated**

Celiac disease

### **Infection**

Prion disease

### **Vascular**

Lesional (focal)

## **IDIOPATHIC**

### **Sporadic**

Multiple system atrophy (MSA)

Corticobasal syndrome