

## **Childhood neurological conditions and disorders**

### **CNS infection and inflammation**

Acute demyelination syndrome  
Acute Disseminated Encephalomyelitis (ADEM)  
Acute flaccid myelitis  
Autoimmune encephalitis (antibody positive and negative)  
Botulism  
Cerebellitis  
Cerebral abscess  
Dermatomyositis  
Encephalitis (infectious and inflammation)  
Gullian Barre Syndrome  
Lyme disease  
Meningitis  
MOG associated disorders (MOGAD)  
Multiple sclerosis  
Multisystem inflammation with brain and spine involvement  
Myasthenia Gravis  
Neuromyelitis Optica Spectrum Disorders (NMOSD)  
Opsoclonus myoclonus syndrome  
Optic Neuritis  
Plexopathy (brachial, lumbosacral)  
Post infectious ataxia  
Rasmussens  
Relapsing demyelination syndrome  
Sydenham Chorea  
Transverse Myelitis  
Vasculitis

### **Epilepsies**

Autosomal dominant epilepsy with auditory features (ADEAF)  
Autosomal-dominant nocturnal frontal lobe epilepsy (ADNFLE)  
Benign epilepsy with centrotemporal spikes (BECTS)  
Benign familial infantile epilepsy  
Benign familial neonatal epilepsy (BFNE)  
Benign infantile epilepsy  
Benign neonatal seizures (BNS)  
Childhood absence epilepsy (CAE)  
Cyclin Dependent Kinase-Like 5 (CDKL5) Deficiency Disorder  
Dravet syndrome  
Early myoclonic encephalopathy (EME)  
Epilepsy of infancy with migrating focal seizures  
Epilepsy with generalized tonic-clonic seizures alone  
Epilepsy with myoclonic absences  
Epilepsy with myoclonic atonic (previously astatic) seizures

Epileptic encephalopathy with continuous spike-and-wave during sleep (CSWS)  
Familial focal epilepsy with variable foci (childhood to adult)  
Febrile seizures (FS)  
Febrile seizures plus (FS+) (can start in infancy)  
Gelastic seizures with hypothalamic hamartoma  
Hemiconvulsion–hemiplegia–epilepsy  
Juvenile absence epilepsy (JAE)  
Juvenile myoclonic epilepsy (JME)  
Landau-Kleffner syndrome (LKS)  
Late onset childhood occipital epilepsy (Gastaut type)  
Lennox-Gastaut syndrome  
Mesial temporal lobe epilepsy with hippocampal sclerosis (MTLE with HS)  
Myoclonic epilepsy in infancy (MEI)  
Neurocutaneous syndromes (including Tuberous sclerosis, Sturge-Weber and Neurofibromatosis)  
Ohtahara syndrome  
Panayiotopoulos syndrome  
Photosensitive absence epilepsies including Jeavons syndrome, Sunflower syndrome  
Progressive myoclonus epilepsies (PME)  
Rasmussen syndrome  
Reflex epilepsies  
West syndrome

### **Functional Neurological Disorders**

#### **Headache disorders**

Idiopathic Stabbing Headache  
Migraine, including migraine without aura, migraine with aura (including typical visual aura, hemiplegic migraine, migraine with brain stem aura, confusional migraine, migraine coma), chronic migraine, probable migraine  
New onset Daily Persistent Headache (NDPH)  
PseudoTumour Cerebri Syndrome (PTCS), including Idiopathic Intracranial Hypertension (IIH), probable PTCS, probable IIH, secondary PTCS, including associated with venous sinus thrombosis.  
Tension-Type Headache (TTH), including episodic TTH, chronic TTH  
Trigeminal Autonomic Cephalalgias (TACs) including Cluster Headache, Probable Cluster Headache, Episodic Paroxysmal Hemicrania, Chronic Paroxysmal Hemicrania, Probable Episodic Paroxysmal Hemicrania, Probable Chronic Paroxysmal Hemicrania

#### **Inherited white matter disorders**

Adrenoleukodystrophy  
Aicardi-Goutieres syndrome  
Alexander disease  
Cavitating leukoencephalopathy  
COL4A1/2 related disease  
Hypomyelinating Leukodystrophy  
Krabbe disease

Leukodystrophy  
Metachromatic Leukodystrophy  
Mitochondrial Leukodystrophy  
MLC1/2  
Pelizaeus Merzbacher Disease  
Type 1 interferonopathies  
Vanishing white matter disease

### **Movement and motor disorder**

Acquired Brain Injury  
Ataxia-Telangiectasia  
Benign Hereditary Chorea  
Cerebral Palsy  
Dystonia-Parkinsonism  
Glutaric Aciduria  
Hereditary Spastic Paraplegia  
Inherited Disorders of Neurotransmission  
Juvenile Parkinsonism  
Monogenic Dystonia (would it be helpful to expand upon this?).  
Myoclonus-Dystonia  
Neurodegeneration with Brain Iron accumulation (NBIA)  
Paroxysmal Dyskinesia (Kinesigenic, Non-kinesigenic Dyskinesia, Exertional)  
Rett Syndrome  
Spinocerebellar Ataxias  
Tourette syndrome  
Traumatic Brain Injury  
Tremor Syndromes

### **Neonatal neurology**

Central hypoventilation syndromes  
Congenital Brain Malformations  
Congenital Muscular dystrophies  
Congenital Myopathies  
Hydrocephalus  
Hypoxic Ischaemic Encephalopathy (term and pre-term)  
Neonatal Encephalopathies (including seizures, strokes, encephalitis, meningitis)  
Spina Bifida

### **Neuromuscular Disorders**

Alpha dystroglycanopathies  
Calpainopathy  
Charcot Marie Tooth disease  
Collagen VI myopathy / muscular dystrophy (Bethlem / Ullrich)  
Congenital myasthenias  
Congenital myopathies (Myotubular myopathies, nemaline myopathies, central core/multiminicore myopathies)  
Dysferlinopathy

Dyotrophinopathies (Duchenne / Becker muscular dystrophy)  
Facio-scapulohumeral muscular dystrophy  
FKRP related limb girdle dystrophy  
LAMA-2 (Merosin negative) congenital muscular dystrophy  
Metabolic myopathies – McArdles  
Myotonic dystrophy  
Spinal muscular atrophy

### **Stroke**

Arterial Ischaemic stroke  
Cardioembolic stroke  
Cerebral aneurysm  
Cerebral arteriovenous malformation  
Cerebral cavernous malformation  
Cerebral haemorrhage  
Cerebral vasculitis  
Cerebral vasculopathy  
Cerebral venous sinus thrombosis  
Childhood arterial ischaemic stroke  
Dissection of carotid artery  
Dissection of vertebral artery  
Factor V Leiden mutation  
Familial cerebral cavernous malformation  
Haemorrhagic stroke  
Moyamoya disease  
Spinal cord infarction  
Transient ischaemic attack

### **Transient Loss of Consciousness (TLOC)**

Epileptic seizures, including with the epilepsies listed above;  
Syncope, including pre-syncope, including vasovagal syncope (including reflex asystolic syncope), expiratory apnoea syncope, cardiac syncope, and Orthostatic Intolerance, including Orthostatic Hypotension (OH), Postural Tachycardia Syndrome (POTS);  
Functional TLOC, as listed above.