# *Early On*® Michigan
# Established Conditions

Established conditions indicate automatic eligibility for *Early On* supports and services. Established conditions must be **diagnosed** by an appropriate health care or mental health provider and documented in a medical or other record (i.e., a Child Abuse Prevention and Treatment Act (CAPTA) referral that references a medical diagnosis). Conditions include **but are not limited to**, the following:

## 1. Congenital Anomalies

### 1.1. Central Nervous System

- Agenesis of the corpus callosum
- Holoprosencephaly
- Hydrocephalus w/o spina bifida
- Microcephalus
- Spina bifida w/o anencephaly

### 1.2. Eye, Ear, Face, and Neck

- Craniofacial syndromes such as:
  - Pierre Robin sequence
  - Treacher Collins syndrome
- Anopthalmos
- Anotia/microtia
- CHARGE syndrome
- Congenital cataract
- Craniosynostosis
- Micropthalmos

### 1.3. Heart and Circulatory System

- Aortic valve atresia and stenosis
- Coarctation of aorta
- Hypoplastic left heart
- Patent ductus arteriosus (PDA)
- Tetralogy of Fallot
- Other serious congenital heart defects

### 1.4. Respiratory System

- Choanal atresia
- Diaphragmatic hernia
- Lung agenesis-hypoplasia

### 1.5. Cleft Lip & Palate

- Cleft palate w/o cleft lip
- Cleft lip w/ and w/o cleft palate

### 1.6. Digestive System

- Esophageal atresia/ tracheoesophageal fistula
- Gastroschisis
- Hirschsprung's disease
- Omphalocele
- Pyloric stenosis

### 1.7. Genital & Urinary Organs

- Hypospadias and epispadias
- Renal agenesis

### 1.8. Musculoskeletal System

- Achondroplasia
- Arthrogryposis
- Congenital hip dislocation
- Lower limb reduction deformities
- Upper limb reduction deformities
- Other congenital anomalies of the musculoskeletal system

### 1.9. Other and Unspecified

- Bardet-Biedl syndrome
- Fragile X syndrome

## 2. Chromosomal Anomalies

- Angelman syndrome
- Cri-du-Chat syndrome
- DiGeorge syndrome (Velo-cardio-facial syndrome)
- Kleinfelter syndrome
- Prader-Willi syndrome
- Trisomy 21 (Down syndrome)
- Trisomy 13 (Patau syndrome)
- Trisomy 18 (Edwards syndrome)
- Turner syndrome
- Williams syndrome
- Other chromosomal anomalies such as microdeletions and duplications

## 3. Infectious Conditions

### 3.1. Congenital Infections

- HIV/AIDS
- Syphilis
- TORCH:
  - Toxoplasmosis
  - Other agents
  - Rubella
  - Cytomegalovirus
  - Herpes simplex
- Cytomegalovirus (CMV)
- Other congenital infections such as Zika

### 3.2. Acquired Infections

- Bacterial meningitis
- Encephalitis
- Poliomyelitis
- Viral meningitis

## 4. Endocrine/Metabolic Disorders

### 4.1. Mucopolysaccharidosis

- Hunter syndrome
- Hurler syndrome
- Maroteaux-Lamy syndrome
- Sanfilippo syndrome
- Scheie syndrome
- Sly syndrome

### 4.2. Enzyme Deficiency

- Biotinidase deficiency
- Medium-chain acyl-CoA dehydrogenase deficiency (MCAD)
- Oculocerebrorenal syndrome (Lowe syndrome)



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4.3. Abnormalities of Amino Acid Metabolism
- Argininosuccinic aciduria/Citrullinemia
- Homocystinuria
- Infant Phenylketonuria (PKU)
- Maple syrup urine disease
- Methylmalonic acidemia (MMA)
- Ornithine transcarbamylase (OTC) deficiency

4.4. Abnormalities of Carbohydrate Metabolism
- Galactosemia
- Glycogen storage disease
- Pompe disease

4.5. Abnormalities of Lipid Metabolism
- Gaucher disease
- Niemann-Pick disease

4.6. Abnormalities of the Purine/Pyrimidine Metabolism
- Lesch Nyhan syndrome

4.7. Abnormalities of the Parathyroid
- Untreated hyperparathyroidism
- Untreated hypoparathyroidism

4.8. Abnormalities of the Pituitary
- Hyperpituitary
- Hypopituitary

4.9. Abnormalities of Adrenocortical Function
- Congenital adrenal hyperplasia
- Hyperadrenocortical function
- Hypoadrenocortical function

4.10. Hemoglobinopathies
- Sickle cell disease
- Thalassemia (major and minor)

4.11 Abnormalities of the Thyroid Hormone
- Congenital hypothyroidism

4.12. Peroxisomal Disorders
- Adrenoleukodystrophy (ALD)
- Cerebrohepatorenal syndrome (Zellweger syndrome)
- Peroxisomal biogenesis disorders
- Rhizomelic chondrodysplasia punctata

5. **Other Disorders/Diseases**

5.1. Neurological Disorders

5.1.a Neuromotor/Muscle Disorders
- Cerebral palsy
- Congenital myasthenia
- Kernicterus
- Muscular dystrophies
- Paralysis
- Periventricular leukomalacia
- Spinal muscular atrophy
- Torticollis

5.1.b. Cerebrovascular Disease
- Cerebral arterial thrombosis
- Cerebral embolus thrombosis
- Cerebral venous thrombosis

5.1.c. Brain Hemorrhages
- Intracranial hemorrhage
- Intraventricular hemorrhage (grades 3 & 4)

5.1.d. Degenerative Disorders
- Acute disseminated encephalomyelitis
- Cockayne syndrome
- Friedreich's ataxia
- Gangliosidosis
- Leigh's disease
- Leukodystrophy
- Schilder's disease
- Tay-Sachs disease

5.1.e. Neurocutaneous Disorders
- Ectodermal dysplasia
- Incontinentia pigmenti
- Neurofibromatosis
- Sturge-Weber syndrome
- Tuberous sclerosis
- Xeroderma pigmentosa

5.1.f. Malignancies
- Intracranial tumors and other malignancies of the central nervous system

5.1.g. Head and Spinal Cord Trauma
- Fracture of vertebral column with or without spinal cord lesions
- Shaken baby syndrome
- Traumatic brain injury

5.1.h. Hypoxic/Anoxic Brain Injury
- Hypoxic ischemic encephalopathy (newborn encephalopathy)
- Near drowning

5.2. Vision Impairment
- Amblyopia
- Cortical visual impairment (CVI)
- Low vision (20/70)
- Nystagmus



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- Retinopathy of prematurity (ROP) (stage 3 - stage 5)
- Visual field loss

6. **Hearing Deficiency**
- Auditory neuropathy
- Bilateral or unilateral hearing loss of ≥ 25 dB at 2+ frequencies between 500-4000 Hz
- Mixed hearing loss
- Permanent conductive hearing loss
- Sensorineural hearing loss
- Waardenburg syndrome

7. **Other Fetal/Placental Anomalies**
- Twin to twin transfusion syndrome
- Umbilical cord prolapse

8. **Exposures Affecting Fetus/Child**

8.1. Prenatal
- Fetal alcohol exposure
- Fetal drug exposure
- Diagnosed maternal phenylketonuria (PKU)

8.2. Postnatal
- Lead – venous blood lead level at or above reference value recommended by the CDC (currently 3.5 µg/dL)
- Following CDC recommendations for mercury and other neurotoxic chemicals diagnosed at elevated exposure levels

9. **Chronic Illness**

9.1. Medically Fragile
- Renal insufficiency

9.2. Medical Illness
- Bronchopulmonary dysplasia
- Cancer
- Chronic hepatitis
- Connective tissue disorders
- Cystic fibrosis
- Diabetes
- Immune disorders (ex. juvenile arthritis)
- Failure to thrive
- Renal failure
- Very low birth weight (<1500 grams or 3.3 lbs.)
- Chronic asthma – moderate to severe
- Intrauterine growth restriction (IUGR)
- Small for gestational age (<10% weight for age) (SGA)

10. **Developmental Delay**

10.1. Pervasive Developmental Disorders
- Autism spectrum disorder
- Childhood disintegrative disorder

10.2. Rett Syndrome

10.3. Regulatory Disorders of Sensory Processing
- Hyposensitive/ hypersensitive
- Sensory seeking/ impulsive

11. **Mental Health Conditions**
- Adjustment disorders
- Depression of infancy and early childhood
- Diagnosed regulatory disorders
- Disorders of affect
- Maltreatment/deprivation disorder
- Mixed disorders of emotional expressiveness
- Post-traumatic stress disorder (PTSD)



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