



Early On[®] Michigan Established Conditions

List of Established Conditions that indicate automatic eligibility for *Early On*[®] supports and services. Conditions must be **diagnosed** by an appropriate health care or mental health provider and 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

- Anophthalmos/
Microphthalmos
- Anotia/Microtia
- CHARGE Syndrome
- Congenital Cataract
- Pierre Robin Sequence
- Treacher Collins

1.3. Heart and Circulatory System

- Aortic Valve Atresia & Stenosis
- Coarctation of Aorta
- Hypoplastic Left Heart
- Patent Ductus Arteriosus (PDA)
- Tetralogy of Fallot

1.4. Respiratory System

- Choanal Atresia
- 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
- Hirschsprung's Disease
- Pyloric Stenosis

1.7. Genital & Urinary Organs

- Hypospadias and
Epispadias
- Renal Agenesis

1.8. Musculoskeletal System

- Achondroplasia
- Arthrogyposis
- Congenital Hip Dislocation
- Lower Limb Reduction Deformities
- Upper Limb Reduction Deformities
- Other Congenital Anomalies of the Musculoskeletal system

1.9. Other and Unspecified

- Bardet-Beidl Syndrome
- Fragile X Syndrome

2. Chromosomal Anomalies

- Angelman Syndrome
- Cri-du-Chat
- DiGeorge Syndrome (Velo-Cardial-Facial Syndrome)
- Klinefelter Syndrome
- Prader-Willi Syndrome
- Trisomy 21 (Down Syndrome)
- Trisomy 13 (Patau Syndrome)
- Trisomy 18 (Edwards Syndrome)
- Turner Syndrome
- Williams Syndrome

3. Infectious Conditions

3.1. Congenital Infections

- HIV / AIDS
- Syphilis
- TORCH:
 - Toxoplasmosis
 - Rubella
 - Cytomegalovirus
 - Herpes

3.2. Acquired Infections

- Bacterial Meningitis
- Encephalitis
- Poliomyelitis
- Viral Meningitis

4. Endocrine /Metabolic Disorders

4.1. Mucopolysaccharidosis

- Hunter Syndrome
- Maroteaux-Lamy Syndrome
- Sanfilippo Syndrome
- Scheie Syndrome
- Sly Syndrome

4.2. Enzyme Deficiency

- Biotinidase Deficiency
- Medium Chain Acyl-CoA Dehydrogenase Deficiency (MCADD)
- Oculocerebrorenal Syndrome (Lowe Syndrome)

4.3. Abnormalities of Amino Acid Metabolism

- Argininosuccinic Aciduria
- Citrullinemia
- Homocystinuria
- Infant Phenylketonuria (PKU)
- Maple Syrup Urine Disease
- Methylmalonic Acidemia (MMA)
- Ornithine Transcarbamylase Deficiency

4.4. Abnormalities of Carbohydrate Metabolism

- Galactosemia
- Glycogen Storage Disease

4.5. Abnormalities of Lipid Metabolism

- Gaucher Disease
- Niemann Pick Disease

4.6. Abnormalities of the Purine/Pyrimidine Metabolism

- Lesch Nyhan Syndrome



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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 (ADL)
- Cerebrohepato renal Syndrome (Zellweger Syndrome)
- Rhizomelic Chondrodysplasia Punctata

5. Other Disorders/Diseases

5.1. Neurological Disorders Neuromotor/Muscle Disorders

- Cerebral Palsy
- Congenital Myasthenia
- Kernicterus
- Muscular Dystrophies
- Paralysis

- Periventricular Leukomalacia
- Torticollis
- Werdnig Hoffman Disease

Cerebrovascular Disease

- Cerebral Arterial Thrombosis
- Cerebral Embolus Thrombosis
- Cerebral Venous Thrombosis

Brain Hemorrhages

- Intracranial Hemorrhage
- Intraventricular Hemorrhage (grades III & IV)

Degenerative Disorders

- Acute Disseminated Encephalomyelitis
- Cockayne Syndrome
- Friedreich's Ataxia
- Gangliosidosis
- Kugelberg-Welander Syndrome
- Leigh's Disease
- Leukodystrophy
- Schilder's Disease
- Tay Sachs Disease

Neurocutaneous Disorders

- Block-Sulzberger Syndrome
- Neurofibromatosis
- Sturge Weber Syndrome
- Tuberous Sclerosis
- Xeroderma Pigmentosa

Malignancies

- Intracranial Tumors and Other Malignancies of the CNS

Head and Spinal Cord Trauma

- Fracture of vertebral column with or without spinal cord lesions
- Shaken Baby Syndrome
- Traumatic Brain Injury

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
- 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



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8. **Exposures Affecting Fetus/Child**

8.1. Prenatal

- Fetal Alcohol Spectrum Disorders – Diagnosed
- Fetal Drug Exposure – Diagnosed Maternal PKU

8.2. Postnatal

- Lead – Venous Blood Lead level at or above reference value recommended by the CDC (currently 5 µg/dL, Jan. 2016)
- Mercury – for recent exposure, blood level of more than 2 micrograms per deciliter (>2 µg/dL); for chronic exposure, urine level of more than 5 micrograms per deciliter (> 5 µg/dL)

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)
- Organic Failure to Thrive
- Renal Failure
- Very Low Birth Weight (<1500 grams or 3.3 lbs.)
- Chronic Asthma – moderate to severe
- Intrauterine Growth Retardation (IUGR)

- Small for Gestational Age (<10% weight for age) (SGA)

10. **Developmental Delay**

10.1. Pervasive Developmental Disorders

- Autism Spectrum Disorder
- Childhood Disintegrative Disorder
- Pervasive Developmental Disorders (NOS)

10.2. Rett's Disorder

10.3. Regulatory Disorders of Sensory Processing

- Hyposensitive / Hypersensitive
- Sensory-Seeking/Impulsive

11. **Mental Health Conditions**

- Adjustment Disorders
- Depression of Infancy and Early Childhood
- Maltreatment/Deprivation Disorder (A diagnosis of Reactive Attachment Disorder should be cross-walked to this diagnosis which is listed in the DC: 0-3R)
- Disorders of Affect
- Mixed Disorders of Emotional Expressiveness
- Post-Traumatic Stress Disorder (PTSD)
- Regulatory Disorders**

** Difficulties in regulating physiological, attentional, motor or affective processes, and in organizing a calm, alert or affectively positive state. These disorders affect the child's daily routines and interpersonal relationships. Must be diagnosed by a qualified professional. (Greenspan, 1992)