

Symbol	Name	Prevalence/ Inheritance	Symptoms	Symptom Onset
<u><a href="#">N-Acetylglutamate Synthase Deficiency</a></u> <sup>1</sup>	NAGS	Few Cases Worldwide  <u><a href="#">Autosomal recessive</a></u>	Lethargy Persistent vomiting Poor feeding  Hyperventilation Enlarged liver Seizures	Symptoms occur shortly after birth in a total deficiency. A partial deficiency may occur later in life following a stressful event such as infection or a viral illness.
<u><a href="#">Carbamyl Phosphate Synthetase Deficiency</a></u> <sup>2</sup>	CPS	1:60,000  <u><a href="#">Autosomal recessive</a></u>	Lethargy Coma Seizures Vomiting Poor Feeding Hyperventilation Hepatomegaly	Complete Deficiency: 24-72 hrs. after birth Partial Deficiency: Childhood
<u><a href="#">Ornithine Transcarbamylase Deficiency</a></u> <sup>3</sup>	OTC	1:30,000  <u><a href="#">X-linked</a></u>	Lethargy Coma Seizures Vomiting Poor Feeding Hyperventilation Hepatomegaly	<u><a href="#">Hemizygote males</a></u> : onset in 24-72 hrs. after birth <u><a href="#">Heterozygote females</a></u> : 10% are symptomatic in childhood
<u><a href="#">Argininosuccinate Synthetase Deficiency</a></u> <sup>4</sup> (Citrullinemia)	ASS	Rare  <u><a href="#">Autosomal Recessive</a></u>	Lethargy Coma Seizures Vomiting Poor Feeding Hepatomegaly	Complete Deficiency: 24-72 hrs. after birth Partial Deficiency: Childhood
<u><a href="#">Argininosuccinate Lyase Deficiency</a></u> <sup>5</sup> (Argininosuccinic Aciduria)	ASL	1:70,000  <u><a href="#">Autosomal Recessive</a></u>	Lethargy Seizures Vomiting Poor Feeding Hyperventilation Hepatomegaly	Complete Deficiency: 24-72 hrs. after birth Partial Deficiency: Childhood
<u><a href="#">Arginase Deficiency</a></u>	ARG	Rare  <u><a href="#">Autosomal Recessive</a></u>	Delayed development Protein intolerance Spasticity	Slower onset of symptoms than other urea cycle deficiencies. Often present with symptoms of loss of muscle control. Hyperammonemia is rare. Seizures, irritability, poor appetite and vomiting can occur.