



Ohio Legislative Service Commission

Bill Analysis

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S.B. 281

130th General Assembly
(As Introduced)

Sens. Cafaro and Schiavoni, Manning

BILL SUMMARY

- Designates May as "Bartter Syndrome Awareness Month."

CONTENT AND OPERATION

Bartter Syndrome Awareness Month

The bill designates May as "Bartter Syndrome Awareness Month."¹

Bartter syndrome is a group of similar kidney disorders that cause an imbalance of potassium, sodium, chloride, and other molecules in the body. In some cases, the condition manifests before birth with increased amniotic fluid surrounding the affected fetus (polyhydramnios). Affected infants typically do not grow and gain weight as expected. Dehydration, constipation, and increased urine production result from losing too much salt in the urine, and weakening of the bones can occur due to excess loss of calcium. Low levels of potassium in the blood (hypokalemia) can cause muscle weakness, cramping, and fatigue.²

The exact prevalence of Bartter syndrome is unknown, although it likely affects about one per million people worldwide. The condition is inherited in an autosomal recessive pattern, which means both copies of the gene in each cell have mutations. The parents of an individual with an autosomal recessive condition each carry one copy of

¹ R.C. 5.2288.

² National Institutes of Health, National Center for Advancing Translational Sciences, Genetic and Rare Diseases Information Center, *Bartter Syndrome: Overview* (last visited May 2, 2014), available at <<http://rarediseases.info.nih.gov/gard/5893/bartter-syndrome/resources/1>>.

the mutated gene, but they typically do not show signs and symptoms of the condition.³ Currently there is no cure for Bartter syndrome, but treatments are available.⁴

HISTORY

ACTION	DATE
Introduced	02-12-14

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³ National Institutes of Health, Genetics Home Reference, *Bartter Syndrome* (last visited May 2, 2014), available at <<http://ghr.nlm.nih.gov/condition/bartter-syndrome>>.

⁴ National Institutes of Health, National Center for Advancing Translational Sciences, Genetic and Rare Diseases Information Center, *Bartter Syndrome: Prognosis* (last visited May 2, 2014), available at <<http://rarediseases.info.nih.gov/gard/5893/bartter-syndrome/resources/15>>.

