Washington is working to add three conditions to the state’s newborn screening panel: X-linked Adrenoleukodystrophy (X-ALD) in the second quarter of 2018; and Pompe Disease and Mucopolysaccharidosis Type I (MPS I) in late 2018. General information and resources are available below. If you have concerns that your child may have one of these conditions, please contact your child’s primary care provider.

**X-linked Adrenoleukodystrophy (X-ALD)**

X-ALD is an inherited disorder that can manifest in early childhood, adolescence or adulthood. This disorder is caused by a buildup of fatty acids in tissues and organs of the body. These fatty acids can affect the nervous system and adrenal glands leading to poor performance in school, other behavioral problems, muscle weakness, hearing loss, blindness, and death. Early identification through screening and treatment with stem cell transplant can stop disease progression.

X-ALD occurs in about 1 in every 42,000 boys. Screening programs identify some girls as carriers of an X-ALD mutation who may develop mild symptoms as adults.

- **Baby's First Test** – Resources for parents and health care professionals about X-ALD screening
- **The Ethan Zakes Foundation**
- **National Organization for Rare Disorders** – Physician Guide to X-ALD
- **GeneReviews** – Technical summary of X-ALD

**Pompe Disease**

Pompe disease is an inherited disorder caused by an enzyme deficiency that leads to a buildup of glycogen (a sugar) in the body’s cells. This buildup can cause muscle weakness, breathing difficulties and death. Early identification through screening and treatment can save lives and prevent other problems associated with the disease.

Pompe disease occurs in about 1 in every 40,000 births.

- **Baby's First Test** – Resources for parents and health care professionals about screening for Pompe disease
- **Acid Maltase Deficiency Association** – A resource dedicated to funding research and promoting public awareness of Pompe disease
- **National Organization for Rare Disorders** – Physician Guide to Pompe Disease
- **GeneReviews** – Technical summary of Pompe disease
**Mucopolysaccharidosis Type I (MPS I)**

MPS I is an inherited disorder caused by an enzyme deficiency that leads to a buildup of complex sugars in the body’s cells. This buildup can cause skeletal problems and intellectual disability. Early identification through screening and treatment can prevent disability.

MPS I occurs in about 1 in every 100,000 births.

- [Baby's First Test](#) – Resources for parents and health care professionals about MPS I screening
- [National MPS Society](#) – A resource dedicated to supporting research and families, as well as increasing public and professional awareness of MPS disorders
- [National Organization for Rare Disorders](#) – Physician Guide to MPS I
- [GeneReviews](#) – Technical summary of MPS I