

ABOUT MUSCULAR HH, A PROS CONDITION

Muscular
HemiHyperplasia

What is **Muscular HH**?

- ▶ Formerly known as muscular hemihypertrophy, Muscular HH is a PROS condition that is generally characterized by an overgrowth of muscular tissue on one side of the body
- ▶ Muscular HH also often overlaps with features associated with Macrodactyly, HHML, and FAO, which are other known PROS conditions
- ▶ Most people with Muscular HH are born with the condition. It is not hereditary

FAO, FibroAdipose hyperplasia or Overgrowth; HH, HemiHyperplasia; HHML, HemiHyperplasia Multiple Lipomatosis.

Different Conditions, One Common Cause – PROS

- ▶ PROS, or PIK3CA-Related Overgrowth Spectrum, is a wide-ranging spectrum of disorders caused by a mutation in the PIK3CA gene
- ▶ PROS conditions are rare and diverse, and are typically characterized by atypical growths and anomalies in the blood vessels and lymphatic system
- ▶ PROS conditions can look different from each other in size, shape, and type of growth or malformation based on where in the body the mutation is found

What are features of **Muscular HH**?

Muscular HH is different for each person and ranges in severity.

These features may include:

- Hemihyperplasia (overgrowth/enlargement of muscle tissue on one side of the body)

Muscular HH Diagnosis



- ▶ Because Muscular HH has observable features, it often can be diagnosed through a physical exam, imaging, and/or medical history
- ▶ Additionally, there are tissue tests to identify the presence of a PIK3CA mutation
- ▶ However, a negative test does not rule out having a PROS condition as mutations can be difficult to detect

Muscular HH Management



- ▶ Managing Muscular HH can be challenging and typically requires collaboration from a multidisciplinary team
- ▶ Like other PROS conditions, there are few management options for Muscular HH
- ▶ Some options, such as surgery, address symptoms and manifestations rather than the root cause of the disease

Find resources and support for people with Muscular HH and their families by visiting:

- ▶ [understandingpros.com](https://www.understandingpros.com)