INDICATIONS FOR TESTING
Adults – enlarged facial or acral features, abnormal musculoskeletal growth
Children – accelerated linear growth

ORDER
Insulin-like growth factor 1 (IGF-1)

Elevated IGF-1

Yes

ORDER
Glucose Tolerance Test (GTT) with 75 g load
AND
Growth Hormone (GH) test (2 hours post GTT)

Suppression of GH (GH <1 ng/mL)

Acromegaly excluded

Failure of suppression of GH (GH ≥1 ng/mL)

Acromegaly confirmed

No

Acromegaly unlikely

MRI to evaluate pituitary gland and consider evaluation of other pituitary functions