

GROWTH HORMONE SUPPRESSION TEST

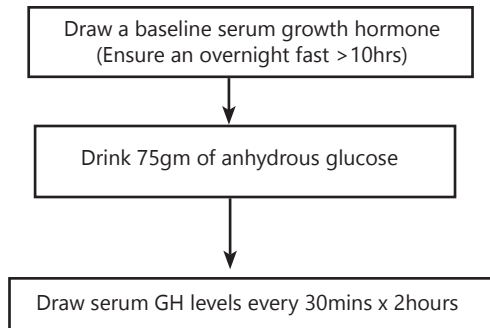


This dynamic test is used for the evaluation of suspected **acromegaly**.

Limitations of this test

- GH levels may not be suppressed in patients liver disease, renal insufficiency, uncontrolled DM, pregnancy, estrogen therapy or anorexia.
- Possibility of a paradoxical increase in GH during an oral glucose tolerance test.*

* State of starvation, chronic renal failure and anorexia



Interpretation

Suppression of GH to a nadir of <0.4 ng/ml (using an ultrasensitive GH assay) rules out acromegaly.***

*** The classic nadir of <1 ng/mL is for less sensitive assays. Know your labs assay!

REGULATION OF GROWTH HORMONE

