

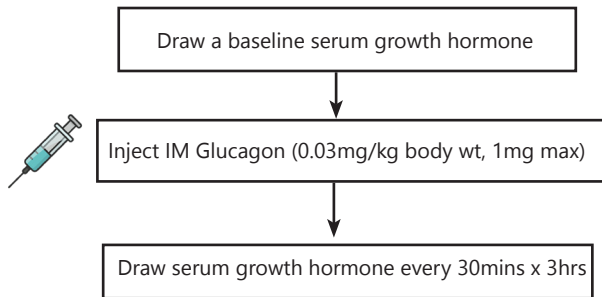
# GLUCAGON STIMULATION TEST



This dynamic test is used for the evaluation of suspected growth hormone deficiency. Alternatives include the **ITT** and **GHRH-arginine**

## Limitations of this test

- Associated with significant nausea and vomiting. As a precaution, patients should therefore be nil per os, except for water, after midnight and during the test. Prophylactic anti-emetics are advised.
- Risk of hypoglycemia after the test (consuming small meals is reasonable)



## Interpretation

In adults, failure of peak growth hormone levels to rise above 3 ng/mL is diagnostic of Adult Growth Hormone Deficiency

## REGULATION OF GROWTH HORMONE

