

Tall Stature

Height > 2 SD above mean for age
OR
Height > 97th percentile
AND
Height > 4 inches above MPTH

Alarm symptoms?

Yes

Urgent endocrine referral (contact on-call doctor)

No

Signs of precocious puberty?

Yes

Refer to precocious puberty pathway

No

Calculate Mid-Parental Target Height (MPTH) in Inches

Girl: $[(\text{father height} + \text{mother height})/2] - 2.5 \text{ in.}$

Boy: $[(\text{father height} + \text{mother height})/2] + 2.5 \text{ in.}$

Alarm Symptoms

- Abrupt increased growth
- Severe or early morning headaches
- Vomiting
- Seizures
- Vision changes

Obtain labs: IGF-1, IGFBP-3, Free T4, TSH, Karyotype (male only)

Obtain bone age

Normal Growth Velocity

2-3 years old: 3 inches per year

3-4 years old: 2.75 inches per year

4-10 years old (or until puberty): 2 inches per year

Puberty: 3-5 inches per year

Consider endocrine referral