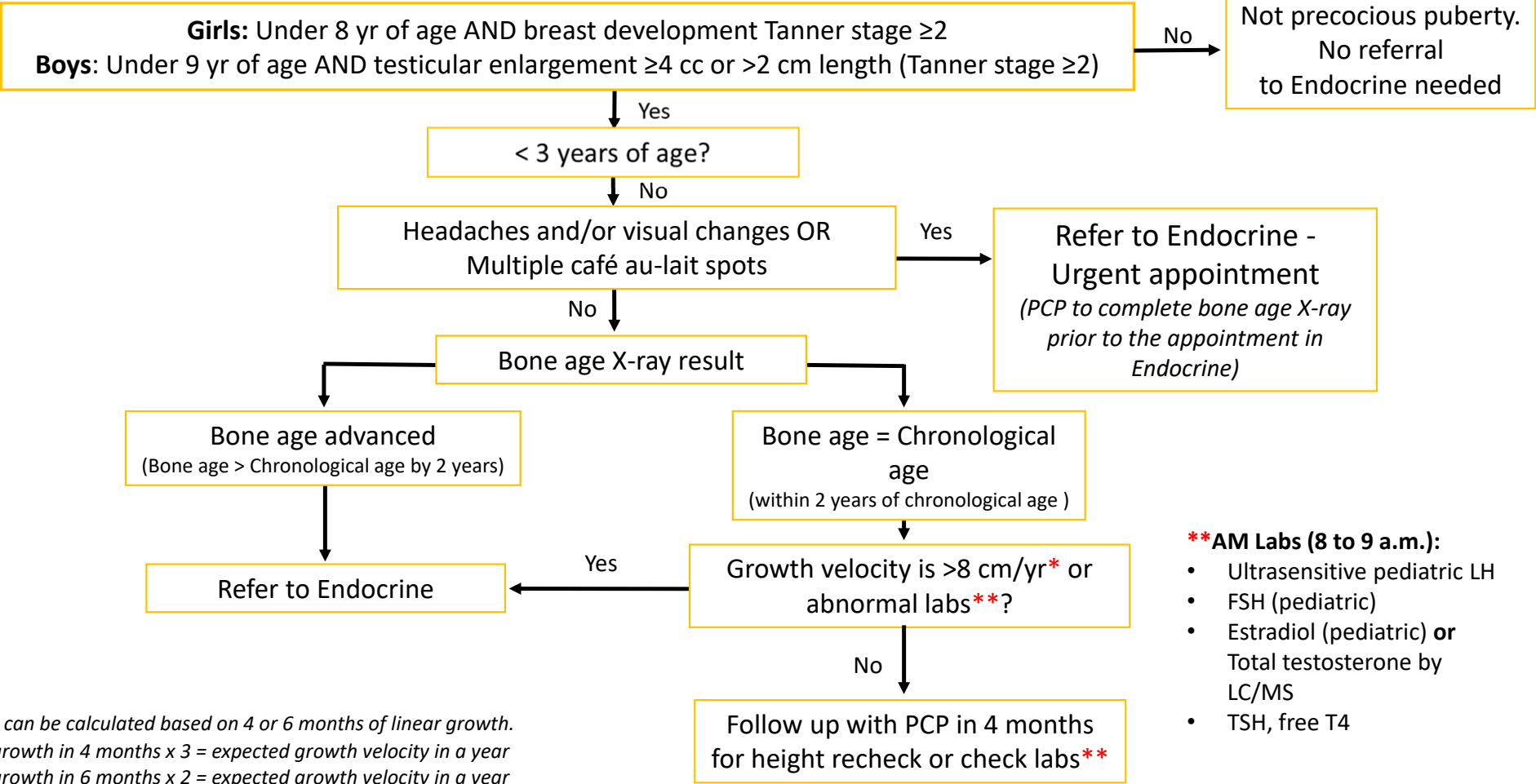


Referral Algorithm: Precocious Puberty (Breast Development/Testicular Enlargement)

Premature thelarche

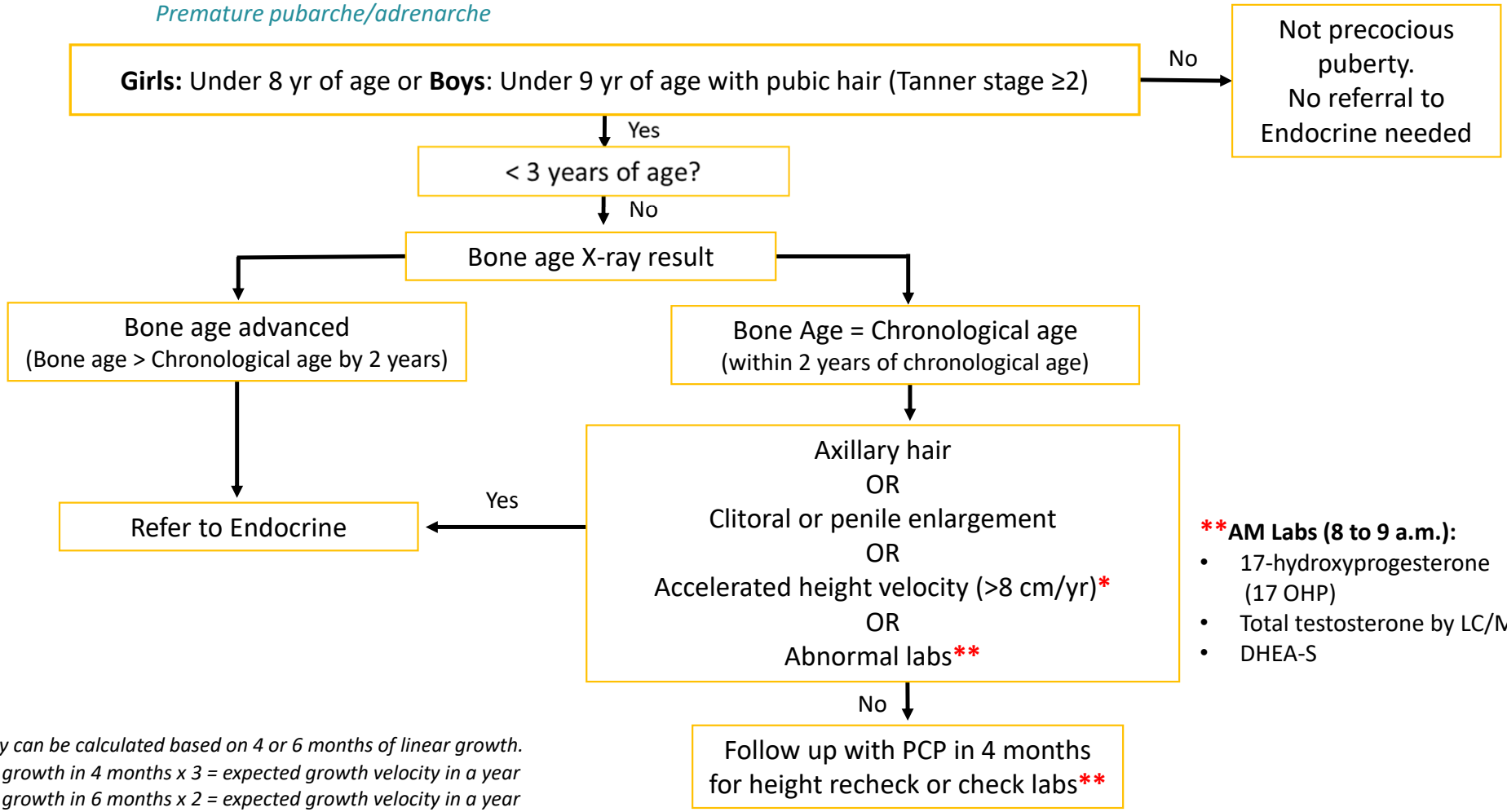


- **AM Labs (8 to 9 a.m.):**
- Ultrasensitive pediatric LH
 - FSH (pediatric)
 - Estradiol (pediatric) or Total testosterone by LC/MS
 - TSH, free T4

* Growth velocity can be calculated based on 4 or 6 months of linear growth.
 • Centimeters growth in 4 months x 3 = expected growth velocity in a year
 • Centimeters growth in 6 months x 2 = expected growth velocity in a year

Referral Algorithm: Precocious Puberty (Hair Development)

Premature pubarche/adrenarche



- ** AM Labs (8 to 9 a.m.):**
- 17-hydroxyprogesterone (17 OHP)
 - Total testosterone by LC/MS
 - DHEA-S

* Growth velocity can be calculated based on 4 or 6 months of linear growth.

- Centimeters growth in 4 months x 3 = expected growth velocity in a year
- Centimeters growth in 6 months x 2 = expected growth velocity in a year

Referral Algorithm: Precocious Puberty (Vaginal Bleeding/Spotting)

Premature menarche

