



## SLEP SUMMER SCHOOL 2020

Fellow 3. José Angel Vazquez Alvarado

A 3 8/12 year old girl | was referred because she presented transvaginal bleeding.

She presented a vaginal bleeding when she was 8 months and was evaluated by a physician who labeled it as a normal event. At 18 months she initiated thelarche, but it was labeled as lipomastia.

At 2 years 6 months of age the mother noted pubarche and apocrine odor.

Patient's history: The patient's younger sister presented vaginal bleeding when she was 2 days old.

Physical exam: height was 122.8 cm ( $p > 99/+4.07z$ ), weight 29.5 kg ( $p > 99/+5.25z$ ) and BMI 19.6 ( $p > 99/+2.21z$ ). Mid Parental Height is 160.4 cm.

The patient had Beast Tanner stage 3 and Pubic hair stage 2, with apocrine odor and vaginal bleeding. Bilateral clinodactyly of the 5<sup>th</sup> finger was found. The rest of the exploration was unremarkable.

Initial evaluation tests were ordered and are shown on table 1.

**Table 1**

<i>Parameter</i>	<i>Result</i>	<i>Units</i>	<i>Reference</i>
LH	1.5	mUI/mL	0.02 – 0.3
FSH	4.0	mUI/mL	1.0 – 4.2
Estradiol	21.5	pg/mL	<10
17 OHP	0.71	ng/mL	<2
TSH	3.28	mUI/mL	0.5 – 4.5
FT4	0.90	ng/dL	0.8 – 1.9

Bone age was 11 years according to Greulich & Pyle. A pelvic US reported a uterus measuring 43x22 mm, a 2 mm endometrium, both ovaries visible, the right measured 17 mm with an apparent cystic image measuring 12 mm, and the left ovary 12 mm.