

Gynecology case study # 12

A 25 year old nulligravid consulted in your clinic because of primary amenorrhea. She is a college graduate, and employed as an office clerk in a multinational company. She is married to a 30 year old salesman for 3 years now and they wanted to investigate further their inability to conceive. The patient has not had any work-ups nor treatment before this consult.

On physical exam, she has stable vital signs, BMI of 25 kg/m². Her height is 4 feet 8 inches. She has a short neck with low hairline; shield-shaped thorax with widely spaced nipples. Breast development is Tanner 1.

On examination of the genitalia: Normal external genitalia, normal vagina and cervix; uterus is small; no adnexal masses nor tenderness noted; rectovaginal exam is normal.

Transvaginal ultrasound: Infantile uterus with rudimentary ovaries

QUESTIONS:

- 1.What is your complete diagnosis? Defend your diagnosis (state basis)
- 2.What other laboratory work-ups will you request to investigate this condition?
- 3.Discuss the pathophysiology of this condition? Give the differential diagnosis
- 4.How will you manage this patient?
5. How will you address the issue on infertility?