

Rosielix G. Eustaquio-David, MD , Ma. Socorro Bernardino, MD

Philippine Children's Medical Center

Ovarian steroid cell tumors are rare. They are fewer than 5 percent of sex-cord stromal tumors and comprised of 0.1% of all ovarian tumors. The average age at diagnosis is the mid-twenties, but patients can present at virtually any age.

This is a case of a 19-year old nulligravid with secondary amenorrhea, excessive hair growth and deepening of the voice. Ultrasonography of the pelvic structures revealed a right ovarian new growth, a 2.4 x 2.3 x 2.2 cm solid mass. Tumor markers results are within normal limits. An exploratory laparotomy with frozen section biopsy was planned.

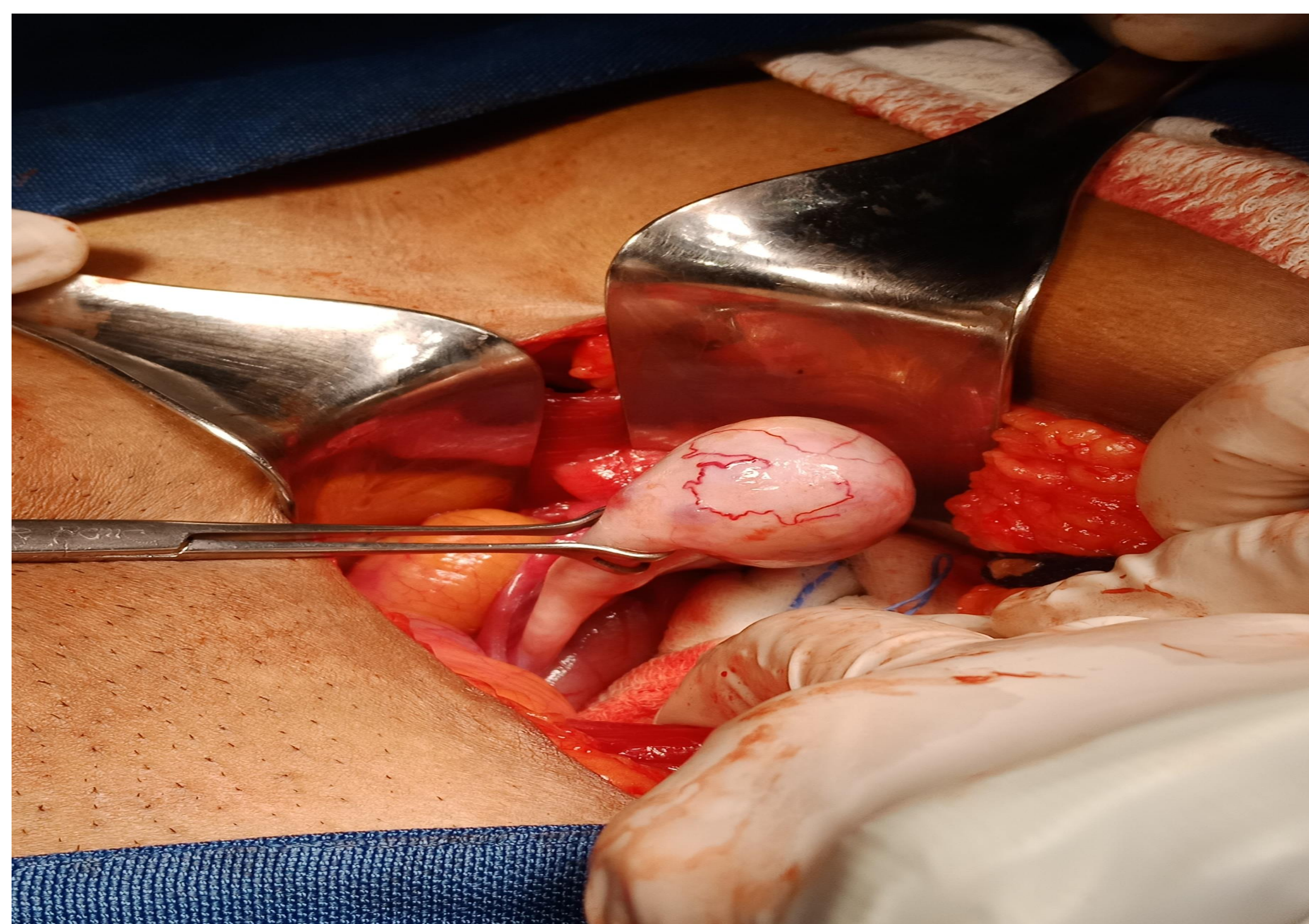


Figure 1. Right Ovarian Mass

Incidentally, there was a note of blood pressure elevation to 150-160/80-90, preoperatively and intraoperatively. The right adnexal solid mass of the ovary was submitted for frozen section which revealed sex cord stromal tumor. After resection of the mass, the blood pressure ranges from 120-130/60-80. Final biopsy revealed a sex cord stromal tumor favor steroid cell tumor, not otherwise specified. The patient was discharged and advised for follow up. Upon follow up, she is now normotensive, and there was a note of resolution of the symptoms of voice changes and regularization of the menstrual cycle pattern.

Key words: Adnexal mass, Steroid cell tumor, Ovarian new growth

1. Hayes MC, Scully RE. Ovarian steroid cell tumors (not otherwise specified). A clinicopathological analysis of 63 cases. Am J Surg Pathol. 1987 Nov;11(11):835-45. doi: 10.1097/00000478-198711000-00002. PMID: 2823622.