



A Sertoli-Leydig tumor in a 18-year-old patient

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Abstract

Sertoli-Leydig cell tumor is a rare sex cord-stromal tumor of the ovary that accounts for less than 0.5% of all primary ovarian neoplasms. Since these tumors have testicular cell types (Sertoli and Leydig cells), androgenic symptoms are common, causing signs of virilization (e.g., hirsutism, acne, irregular menstrual periods, male-pattern baldness, loss of female fat distribution, and hoarse voice). In many cases, secondary amenorrhea is the only symptom of the disease. This leads to an intensive search for the source of the disorder. We report the case of an 18-year-old woman who presented with amenorrhea of two years' duration and severe virilization with hirsutism, clitoromegaly and hoarse voice. Her testosterone levels were in male ranges. Imaging examination showed a mass in her left ovary. The tumor was removed with surgery and the pathological examination revealed a "moderately differentiated Sertoli-Leydig tumor". The patient's serum testosterone levels normalized a few days after treatment and her menses resumed spontaneously one month after the operation.

Biography

Dr Eugenia Lamas Majek is a gynecologist, has her expertise in Gynecologic Endocrinology and Reproductive Medicine. She is a physician in the gynecological endocrinology section of the "Hospital de Clinicas Jose de San Martin" and a teacher of the undergraduate degree at the University of Buenos Aires (UBA), Argentina.

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