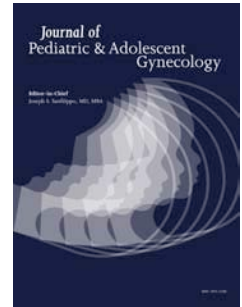


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Laparoscopic Treatment of Mixed Malignant Ovarian Germ Cell Tumor in a 16-year-old Female

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Abstract

Background: Malignant ovarian germ cell tumors are rare entities, though they account for a large proportion of ovarian masses in young women. These tumors have traditionally been removed via laparotomy, due to their large size and solid nature. The use of laparoscopy for treatment of adnexal masses in adolescents has been heavily debated and poorly studied to date.

Case: A 16-year-old female presented with abdominal pain and an 11cm adnexal mass on ultrasound. An emergent laparoscopic salpingo-oophorectomy was performed without complication. Pathology revealed mixed malignant ovarian germ cell tumor.

Summary and Conclusion: Laparoscopic fertility-sparing surgery offers many benefits over laparotomy, and should be considered in cases of young women with large adnexal masses, even if potential for malignancy exists.

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