

Abstract for poster presentation

Title: A Unique Confluence: Epidermoid Cyst and Secondary Massive Ovarian Edema in a Single Ovary.

Background: Massive ovarian edema is an exceptionally rare benign condition characterized by substantial swelling of the ovary due to fluid accumulation and often associated with partial torsion of the ovarian pedicle. Epidermoid cysts of the ovary, although uncommon, are benign epithelial tumors which are asymptomatic and discovered incidentally during imaging studies or surgeries. This report highlights a unique case in which both massive ovarian edema and an epidermoid cyst were found within a single ovary, showcasing an unusual co-occurrence of these rare conditions.

Case Report: A 23-year-old unmarried female presented with abdominal pain and marginal symptoms. Laboratory tests showed no significant abnormalities. Ultrasound imaging revealed a bulky right ovary with a 30 ml fluid accumulation but no signs of abnormal vascularity or torsion of the pedicle. A cystectomy was performed, and the excised tissue was sent for histological examination, which later confirmed the presence of an epidermoid cyst with secondary massive ovarian edema.

Conclusion: This case underscores the rare but significant possibility of encountering both massive ovarian edema and an epidermoid cyst within a single ovary. While each condition is infrequent on its own and highlights the complexity of diagnosing and managing ovarian pathologies. The incidental finding of an epidermoid cyst amidst the presence of massive edema necessitates a thorough diagnostic approach, including detailed imaging and histological analysis. Awareness of this rare combination is crucial, particularly in cases where typical presentations may be misleading.

Keywords: Massive edema ovary, Epidermoid cyst.

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