

Anomalous Origin and Course of Left Ovarian Arteries in Humans

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Abstract

Background: Variations in origin and course of gonadal arteries is common in males however there are few instances where there is variation in ovarian arteries seen in females which could be of importance. **Methods and Results:** This study reports occurrence of anomalous origin and course of left ovarian arteries in humans. Among 30 female cadavers studied, one presented with anomalous left ovarian artery, which arise from the left renal artery behind the left renal vein, ascended upwards to arch over the renal vein and descended anterior to the renal vein on to the posterior abdominal wall. **Conclusion:** Knowledge on the course of the ovarian artery is of interest not only to anatomists but also to surgeons, radiologists, especially urologists and gynecologists when they perform operative procedures in that region. Better knowledge of the anatomic variations of the ovarian artery is necessary to prevent inadvertent surgical complications.