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A Torsioned and Autoamputated Ovarian Cyst Simulating a Duplication Cyst: A Case Report

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Abstract: The commonest and most serious complication of neonatal ovarian cysts is torsion. Ovarian torsion leads to loss of the ovary. We report a case of a torsioned and autoamputated right ovarian cyst presenting as a duplication cyst of the intestine in a newborn. An abdominal cystic mass 4.8 x 3.4 cm in diameter was diagnosed in a 36-week-gestation fetus using antenatal ultrasonography (US). The physical examination revealed a mobile abdominal mass in the right upper quadrant. Postnatal US confirmed a cystic mass in the right upper quadrant. Intraoperatively, the ovarian cyst was autoamputated and it was adhered to the antimesenteric edge of the ileum by a fibrotic band. The right ovary could not be found. Autoamputated ovarian cysts should be considered in the differential diagnosis of mobile abdominal masses with atypical localizations.

Key Words: Autoamputation, ovary, torsion, antenatal

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