

INTRA ABDOMINAL CYSTS

Supporting information

Do many antenatally detected cysts resolve spontaneously?

A 2021 retrospective study of 37 cases of fetal ovarian cysts identified by antenatal ultrasound found that 32% resolved spontaneously during the antenatal period and a further 32% resolved spontaneously in the infantile period (Akalin, 2021).

A retrospective survey of 118 cases of antenatally diagnosed intra-abdominal cysts revealed that 26 cases (22%) resolved spontaneously in utero (Thakkar, 2015).

In a study (Sherwood 2008) of prenatally suspected and postnatally confirmed intra-abdominal cysts delivered between 1991 and 2004 at the prenatal diagnosis unit at John Radcliffe Hospital, Oxford, fifty five patients were identified antenatally with a diagnosis of abdominal cystic lesion. Of those, 13 cases (24%) the cyst had resolved on a postnatal scan.

Akalin M, Demirci O, Dayan E et al. Natural history of fetal ovarian cysts in the prenatal and postnatal periods. *J Clin Ultrasound.* 2021;49:822-7

Sherwood W, Boyd P & Lakhoo K. Postnatal outcome of antenatally diagnosed intra-abdominal cysts. 2008; 24:763-5

Thakkar HS, Bradshaw C, Impey L et al. Post-natal outcomes of antenatally diagnosed intra-abdominal cysts: a 22-year single-institution series. *Pediatr Surg Int.* 2015;31:187-90

Evidence Level: IV

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