What is the recurrence rate of benign ovarian tumors in childhood?
Ovarian Benign organic tumors (OBT) are a rare pathology in childhood who require conservative surgery whose risk of recurrence is unknown. P1-132

Nina Detho¹, Audrey Cartault¹, Olivier Abbo², Sofia Mouttalib¹², Catherine Pienkowski¹
1 Reference Center of Rares Gynecological Pathologies , 2 Infant surgery unit Children’s Hospital , 330 Avenue de Grande Bretagne, TSA 70034, 31059 Toulouse , France

AIM:
risk assessment of tumor recurrence in a Pediatric cohort

MATERIAL AND METHODS:
Retrospective observational study (2001-2018)
Management of OBT in girls aged 0 to 18 yrs in children’s Hospital

RESULTS: 68 patients including 16% prepubertal-10 ovarian twists- 4 bilateral tumors 10.3% of patients (n = 7) recurred on average 17 months (range 3 to 43 months)

CONCLUSION: In our series, the recurrence rate after OBT is evaluated at 10%.
The monitoring for at least 3 yrs is therefore essential with a pelvic US every 6 months. Special attention is required in the case of bilateral and solid tumors.
New prospective and multicenter studies, as well as the creation of a register of rare benign ovarian tumors, could suggest recommendations for the follow-up of these patients