

Table 1. Main characteristics of included studies

Year, Author	Patients No	Age(years)	BMI(Kg/m2)	Cyst size, cm	Study type	Surgery type	No of patients	AMH measurements
2014, Yoon	28 vs 57	30,3±5,0 vs 30,2±5,6	20,4±2,4 vs 20,7±2,5	6,1±1,9 vs 6,3±2,1	randomized controlled trial	Single-port lap cystectomy vs two -and four- port lap cystectomy	28 vs 28 and 29 for each group (single- port group ,two- port and four- port group)	Preoperatively and 1 week -1 month and 3 months postoperatively
2014, Huang	34 vs 37	34,59±10,18 vs 34,73±9,68	21,29±2,52 vs 21,14±2,61	7,05±2,37 vs 6,39±2,27	retrospective case-control study	Single-port lap cystectomy vs conventional multiple-port lap cystectomy	34 (single-port group) vs 37(multiple- port group)	Preoperatively and 4 weeks postoperatively
2015,	49 vs 50	30,25±5,1 vs	20,4±2,3 vs	7,6±3,56 vs	retrospective	Single-port lap	49(single-port	Preoperatively

