Using pathological results as the gold standard, the sensitivity, specificity, positive response rate, and negative response rate of uterine polyps diagnosed by Omni-View were 91.67% (11/12), 18.75% (3/16), 4.88, and 0.1 respectively.

The sensitivity, specificity, positive response rate, and negative response rate of Omni-View technique for diagnosing intrauterine adhesions were 87.50% (7/8), 25.00% (3/20), 3.5, and 0.15, respectively.

The total coincidence rate of laparoscopic dye-fluid assay for judging tubal patency was 95.83% (46/48). The two methods had higher consistency (Kappa=0.804, P<0.001).