

THE SAFETY AND EFFICACY OF EUS-GUIDED SCLEROTHERAPY ON CYST IN THE SUPERIOR RENAL POLE: A COMPARATIVE STUDY WITH LAPAROSCOPIC SURGERY

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Poster

Oesophagus

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A retrospective study of 25 patients compared EUS-guided sclerotherapy with laparoscopic surgery for superior renal pole cysts, finding comparable efficacy with shorter operative time and hospital stay for the EUS approach.

KEY POINTS

- EUS-guided sclerotherapy (9 cases) and laparoscopic surgery (16 cases) showed comparable efficacy rates (100% vs 87.5%, $P=0.520$) for treating cysts in the superior renal pole.
- The EUS group demonstrated shorter operation time (29.8 ± 4.8 vs 70.1 ± 11.1 minutes, $P=0.000$), no intraoperative blood loss compared to 26.1 ± 5.9 ml for laparoscopy ($P=0.000$), and shorter postoperative hospital stay (3.5 ± 0.7 vs 5.4 ± 2.0 days, $P=0.014$).
- Total treatment cost was lower with EUS-guided sclerotherapy (10547.85 ± 2388.19 vs 15316.09 ± 5352.45 yuan, $P=0.019$), though operation costs alone were similar between groups.
- The study involved patients hospitalized at the Second Affiliated Hospital of Soochow University from January 2021 to August 2022 and concluded that EUS-guided sclerotherapy was an effective and safer technique for this indication.
- This retrospective analysis may be of interest to urologists and gastroenterologists managing simple renal cysts in anatomically challenging locations.

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