# FEASIBILITY OF ENDOSCOPIC ULTRASOUND GUIDED CYSTO- GASTROSTOMY IN CHILDHOOD POPULATION WITH SYMPTOMATIC PANCREATIC PSEUDOCYST

Abed Allehibi

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**A multi-center retrospective study of nine children aged 3-12 years found EUS-guided cysto-gastrostomy for symptomatic pancreatic pseudocysts achieved 100% clinical success with minimal complications.**

## KEY POINTS

- Nine children (median age 8 years, median weight 26.4 kg) underwent EUS-guided cysto-gastrostomy for symptomatic pancreatic pseudocysts caused by blunt trauma, post-chemotherapy for ALL, or biliary causes between October 2018 and December 2022
- All patients achieved complete resolution of pre-procedure symptoms, with eight patients showing complete cyst resolution after one month and one case showing marked regression from 9.5 cm to less than 2 cm
- No post-procedure complications were observed except mild pancreatitis managed conservatively for 3 days in one child who underwent concomitant trans-papillary drainage
- The procedure used 10Fr x 5 or 7 cm double pigtail plastic stents deployed through a fistula created with 6 fr cystotome and dilated with mechanical dilator or 6-8 mm balloon
- The authors conclude the procedure appears feasible, effective, and safe in children but note larger case numbers are needed to establish it as standard treatment

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