

ENDOSCOPIC ULTRASOUND-GUIDED FINE NEEDLE ASPIRATION/BIOPSY FOR SMALL PANCREATIC CANCER ≤ 10 MM AND ADDITIONAL SALVAGE BY PANCREATIC JUICE CYTOLOGY: A MULTICENTRE STUDY

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Poster

Pancreas

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A retrospective study of 271 patients with pancreatic tumors ≤ 10 mm found that EUS-FNAB achieved 80.8% technical success and 82.3% sensitivity for PDAC, with salvage pancreatic juice cytology accurately diagnosing 74.3% of cases missed by EUS-FNAB.

KEY POINTS

- EUS-FNAB achieved technical success in 80.8% of 271 patients with pancreatic tumors ≤ 10 mm (median 8 mm), with failures due to anatomical inaccessibility, unclear visibility, or inadequate specimen retrieval.
- Among technically successful cases, comprehensive EUS-FNAB showed 82.3% sensitivity, 94.9% specificity, and 91.3% accuracy for PDAC ≤ 10 mm, with cytology outperforming histology alone.
- Salvage pancreatic juice cytology accurately diagnosed 74.3% of the 35 PDAC cases that had technical failure or negative EUS-FNAB results, achieving 81.6% overall accuracy.
- The authors suggest EUS-FNAB followed by pancreatic juice cytology may be an ideal diagnostic approach for small pancreatic ductal adenocarcinomas.
- This material is relevant for gastroenterologists and endoscopists managing patients with small pancreatic lesions.

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