

# Endoscopic ultrasound-guided tissue sampling: European Society of Gastrointestinal Endoscopy (ESGE) Technical and Technology Review

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Standards and Guidelines

Endoscopy

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**The European Society of Gastrointestinal Endoscopy has updated its technical review on endoscopic ultrasound-guided sampling, covering needle types, sampling techniques, new devices, and specimen handling.**

## KEY POINTS

- ESGE recommends end-cutting fine-needle biopsy needles over reverse-bevel FNB or fine-needle aspiration needles for tissue sampling of solid pancreatic lesions, though FNA may still have a role when rapid on-site evaluation is available.
- For subepithelial lesions 20 mm or larger, ESGE recommends EUS-FNB or mucosal incision-assisted biopsy equally, while MIAB could be the first choice for smaller lesions under 20 mm if proper expertise is available.
- ESGE does not recommend antibiotic prophylaxis before EUS-guided tissue sampling of solid masses or EUS-FNA of pancreatic cystic lesions.
- The review addresses technical aspects of tissue sampling, available needle types, new devices, and specimen handling and processing in gastroenterology.

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