

ENDOSCOPIC ULTRASOUND-GUIDED FINE-NEEDLE ASPIRATION IN THE DIAGNOSTIC VALUE OF FOCAL LIVER LESIONS: A SYSTEMATIC ANALYSIS OF 88 CASES

Xiaohong Kong

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Poster

Hepatobiliary

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A retrospective study of 88 patients found that EUS-FNA achieved 93.18% diagnostic accuracy for focal liver lesions with high specificity and positive predictive value.

KEY POINTS

- Overall diagnostic accuracy of EUS-FNA for focal liver lesions was 93.18% (82/88 cases; 95% CI, 87.9–98.5) in a retrospective study from two Chinese hospitals between January 2017 and August 2022.
- Sensitivity was 93.02%, specificity was 100%, positive predictive value was 100%, and negative predictive value was 25% among 88 patients with 86 malignant and 2 benign lesions.
- Multiple punctures showed statistically significant difference compared to single puncture ($p = 0.001$), while other lesion and procedure parameters were not statistically significant.
- The study authors conclude that EUS-FNA is a safe diagnostic method for focal liver lesions, noting that literature on this application is limited.

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