

Name of Journal: *World Journal of Gastrointestinal Endoscopy*

Manuscript NO: 52111

Manuscript Type: REVIEW

Endoscopic ultrasound guided liver biopsy: Recent evidence

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Abstract

Liver biopsy (LB) is an essential tool in diagnosing, evaluating and managing various diseases of the liver. As such, histopathological results are critical as they establish or aid in diagnosis, provide information on prognosis, and guide the appropriate selection of medical therapy for patients. Indications for LB include evaluation of persistent

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Author: Aun Raza Shah, Muhannad Al-Hanay... Publish Year: 2019

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Endoscopic ultrasound-guided fine needle aspiration (EUS-FNA) has been proven as an effective modality for sampling of gastrointestinal and liver lesions [1,2]. The sampling needle type represents one of the several factors that affect the EUS tissue acquisition (EUS-TA) outcomes [3 , 4].

Author: Ihab I. El Hajj, Mohammad Al-Haddad Publish Year: 2019

Endoscopic Ultrasound

A test done in combination of ultrasound imaging and endoscopy to monitor the organ for determination of digestive diseases.

Type: Imaging

Duration: Usually 2-3 hours

Results available: Usually 30-60 mins

Is Invasive: Invasive

Conditions it may diagnose

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Colon Cancer

Common

Colorectal cancer, also known as bowel cancer, colon cancer, or rectal ...

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Neuroendocrine Cancer

Rare

A condition in which cancer develops in the neuroendocrine cells ...

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Preparation

- Do not consume any foods or beverages before at least 6 to 8 hours of the test.
- Laxatives and enema are given to clear the rectum.
- Medications should be taken and discontinued after consulting the doctor.
- Sedatives may be given to ease the procedure which may require an adult accompaniment.

During the test

- A thin tube with camera and transducer is passed through the mouth.
- Ultrasound images of the ducts, tissues and nodes. Tumors if any can be examined in the procedure.
- Fine needle aspiration is done in some cases if required. This requires



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Feb 05, 2015 · **Liver biopsy** can uncover the underlying etiology and the extent of **liver damage**, altering the therapeutic management in as many as 18% of patients.[1,2,3,4,5,6] **Endoscopic ultrasound (EUS)** has emerged as an essential **diagnostic examination** for the diagnosis and management of a wide range of gastrointestinal, hepatobiliary, and pancreatic diseases.

Endoscopic ultrasound guided liver biopsy for parenchymal ...

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