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Impact of endoscopic ultrasound elastography in pancreatic lesion evaluation

Lesmana CRA *et al.* EUS Elastography in Pancreatic Lesion

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Background and study aim: **Endoscopic-ultrasound-guided elastography** (EUS-elastography) is a recently introduced imaging procedure that distinguishes tissues on the basis of their specific consistency. The aim of this prospective study was to investigate the role of this new technique in the characterization and differentiation of focal **pancreatic lesions**.

Cited by: 181 **Author:** T. O. Hirobe, A. Ignee, A. B. Barreira, D. Seb...

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

Cancer that begins in the last part of the digestive tract-colon.

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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 to pass another thin tube through the mouth.