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Utility of endoscopic ultrasound and endoscopy in diagnosis and management of Hepatocellular Carcinoma and its complications: What does endoscopic ultrasonography offer above and beyond conventional cross-sectional imaging?

Girotra M et al. Utility of EUS in HCC

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Abstract

Hepatocellular carcinoma constitutes over 90% of the primary liver tumors, the rest being cholangiocarcinoma. It has an insidious presentation, which is responsible for the delayed presentation. Hence, the management strategy relies on screening to diagnose it at an early stage for curative resection and/or treatment with local ablative techniques or chemotherapy. However, even with different screening programs, more than 60% of tumors are still detected at an advanced stage, leading to an unchanged mortality rate, thereby implying a room for improvement in the screening and diagnostic process. In the last few years, there has been evolution of utility of endoscopy, specifically Endoscopic Ultrasonography along with Fine Needle Aspiration, for this purpose, which we comprehensively review in this article.

Key words: Hepatocellular carcinoma; Hepatocellular carcinoma; Liver; Cancer; Endoscopy; Endoscopic ultrasound; Endoscopic ultrasonography; Fine Needle Aspiration; Fine needle aspiration; Staging; Treatment; Management

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Guidelines for the diagnosis and treatment of cholangiocarcinoma: consensus document

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Endoscopic ultrasonography

PR Pfau, A Chak - Endoscopy, 2002 - thieme-connect.com

... The same group, led by Erickson et al., described the utility of EUS-FNA in non ... Obviously, further use and studies are required, but the instrument and technique offer the ... Predictive value of endoscopic ultrasonography for regression of gastric low grade and high grade MALT ...

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A multispecialty approach to the diagnosis and management of pancreatic cancer

RH Hawes, Q Xiong, I Waxman, KJ Chang... - The American journal of ..., 2000 - nature.com

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Gastrointestinal imaging: endoscopic ultrasound

MF Byrne, PS Jowell - Gastroenterology, 2002 - Elsevier

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Endoscopic ultrasound in the evaluation of radiologic abnormalities of the liver and biliary tree

G Mishra, JD Conway - Current gastroenterology reports, 2009 - Springer

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作者: P Koduru - 2015 - 被引用次数: 1 - 相关文章

2015年10月6日 - EUS offers better imaging than transabdominal ultrasound by obtaining images transluminally. The two major designs of EUS scopes are radial and curvilinear. Radial imaging achieves a cross-sectional view that is perpendicular to the long axis of the scope, whereas the linear echo endoscope provides ...

Role of Endoscopic Ultrasonography in the Evaluation of Extrahepatic ...

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EUS can complement the role of ERCP and provide a tissue diagnosis through fine needle aspiration (FNA) and staging through ultrasound imaging. ... In EUS, the echoendoscope is advanced into the duodenum, where it can be manipulated to visualize the biliary tract both in the cross-sectional and longitudinal views.

Endoscopic ultrasound-guided liver biopsy - NCBI - NIH

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作者: PJ Parekh - 2015 - 被引用次数: 10 - 相关文章

For parenchymal disease, it can decrease sampling variability. It offers a more targeted approach for focal lesions. Its diagnostic yield and limited adverse event profile make it a promising approach for liver biopsy. Keywords: Endoscopic ultrasound (EUS), EUS-guided liver biopsy (EUS-LB), fine needle biopsy, liver biopsy, ...

Endoscopic Ultrasound in the Diagnosis and Staging of Pancreatic ...

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