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Hepatocellular carcinoma surveillance: An evidence-based approach

Harris PS *et al.* HCC surveillance

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Abstract

Hepatocellular carcinoma (HCC) makes up 75%-85% of all primary liver cancers and is fourth most common cause of cancer related death worldwide. Chronic liver disease is the most significant risk factor for HCC with 80%-90% of new cases occurring in the background of cirrhosis. Studies have shown that early diagnosis of HCC through surveillance programs improve prognosis and availability of curative therapies when. All patients with cirrhosis and high-risk hepatitis B patients are at risk for HCC and should undergo surveillance. The recommended surveillance modality is abdominal ultrasound (US) given that it is cost effective, noninvasive with good sensitivity. However, US is limited in obese patients and those with non-alcoholic fatty liver disease (NAFLD). With the current obesity epidemic and rise in the prevalence of NAFLD, abdominal computed tomography or magnetic resonance imaging may be indicated as the primary screening modality in these patients. The addition of alpha-fetoprotein to a surveillance regimen is thought to improve the sensitivity of HCC detection. Further investigation of serum biomarkers is needed. Semiannual screening

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2018年2月27日 - In most cases, it is diagnosed in patients with identified risk factors, mainly cirrhosis from all causes. These patients are candidates for a surveillance program that, depending on guidelines, involves regular liver ultrasound alone or combined with serum markers.

Surveillance for hepatocellular carcinoma: in whom and how?

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作者: AG Singal - 2017 - 被引用次数: 9 - 相关文章

For example, **cancer surveillance** rates are negatively correlated with higher clinic Level I **evidence** supporting this **practice** among patients with cirrhosis(25).

Surveillance and Diagnosis of Hepatocellular Carcinoma - NCBI - NIH

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4836577/> - 翻译此页

作者: P Fitzmorris - 2015 - 被引用次数: 12 - 相关文章

Detection of **Hepatocellular Carcinoma** at an Early Stage Improves Outcomes. The goal of HCC **surveillance** is to detect disease early in its development in order to initiate potentially curative interventions and reduce overall morbidity, mortality, and the financial burden on the health care system.

^[PDF] Hepatocellular Cancer (Surveillance) - Diagnostic Imaging Pathways

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2018年2月27日 - This review article presents an overview of the evidence supporting surveillance programs for hepatocellular carcinoma, in particular the efficacy, cost-effectiveness, and consequences of this approach for patient survival.

Surveillance for hepatocellular carcinoma: in whom and how?

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