

Name of Journal: *World Journal of Gastroenterology*

Manuscript NO: 46747

Manuscript Type: MINIREVIEWS

Hepatocellular carcinoma surveillance: An evidence-based approach

Harris PS *et al.* HCC surveillance

Patrick S Harris, Ross M Hansen, Meagan E Gray, Omar I Massoud, Brendan M McGuire, Mohamed G Shoreibah

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

Match Overview

Match Number	Source	Words	Percentage
1	Internet www.wjgnet.com	44 words crawled on 01-Feb-2019	1%
2	Internet www.intechopen.com	31 words crawled on 06-Jun-2017	1%
3	Internet eviralhepatitisreview.org	28 words crawled on 04-Feb-2019	1%
4	Internet jamanetwork.com	26 words crawled on 04-Jul-2018	1%
5	Crossref Mohamed G. Shoreibah, Joseph R. Bloomer, Brendan M. McGuire, Omar I. Massoud. "Surveillance for Hepatocell ...	26 words	1%
6	Internet office.wjgnet.com	21 words crawled on 12-Dec-2015	<1%
7	Internet pdfs.semanticscholar.org	20 words crawled on 31-Dec-2016	<1%
8	Internet www.termedia.pl	20 words crawled on 10-Mar-2019	<1%
9	Crossref Omobonike O. Oloruntoba, Andrew J. Muir. "Hepatocell ...	17 words	<1%

[全部](#)[图片](#)[新闻](#)[视频](#)[购物](#)[更多](#)[设置](#)[工具](#)

找到约 12,700,000 条结果 (用时 0.60 秒)

Google 学术: Hepatocellular Carcinoma Surveillance: An Evidence Based Approach

... and treatment of patients with **hepatocellular carcinoma** - Bruix - 被引用次数: 500

... for **hepatocellular carcinoma** and effects of **surveillance** - Yang - 被引用次数: 94

... **hepatocellular carcinoma** in viral cirrhosis: an **evidence** ... - Cammà - 被引用次数: 434

Hepatocellular carcinoma surveillance with ultrasound-cost ... - NCBI

<https://www.ncbi.nlm.nih.gov/pubmed/29446324> - 翻译此页

作者: M Ronot - 2018 - 相关文章

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?

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3036965/> - 翻译此页

作者: HB El-Serag - 2011 - 被引用次数: 94 - 相关文章

跳到 **Efficacy of HCC surveillance: a review of the evidence** - There is intermediate-strength **evidence** for the efficacy of HCC **surveillance** in ...

Hepatocellular carcinoma surveillance: Eastern and Western ...

<https://www.e-ultrasonography.org/journal/view.php?number=1043> - 翻译此页

作者: Y Purcell - 2018 - 相关文章

Hepatocellular carcinoma (HCC) is the most frequent primary **liver cancer** and the ... For example, in patients with preserved hepatic function, no **evidence** of ... However, its efficacy as a **surveillance method** is mainly **based** on the results of a ...

[PDF]

Hepatocellular Cancer (Surveillance) - Diagnostic Imaging Pathways

www.imagingpathways.health.wa.gov.au/.../liver/surveillance-for-hepatocell... - 翻译此页

Evidence for surveillance in patients with the above conditions without cirrhosis is **hepatocellular**

[全部](#)[图片](#)[新闻](#)[购物](#)[视频](#)[更多](#)[设置](#)[工具](#)

找到约 12,200,000 条结果 (用时 0.46 秒)

Google 学术: Hepatocellular carcinoma surveillance: An evidence-based approach

... and treatment of patients with **hepatocellular carcinoma** - Bruix - 被引用次数: 512

... **hepatocellular carcinoma** in viral cirrhosis: an evidence ... - Cammà - 被引用次数: 435

... with **hepatocellular carcinoma**: a new evidence-based ... - Johnson - 被引用次数: 367

Hepatocellular Carcinoma Surveillance among Patients with Cirrhosis ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5436954/> - 翻译此页

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

www.imagingpathways.health.wa.gov.au/.../liver/surveillance-for-hepatocell... - 翻译此页

Evidence for surveillance in patients with the above conditions without cirrhosis is **hepatocellular carcinoma** in Japan: consensus-based clinical **practice** ...

Hepatocellular carcinoma surveillance with ultrasound—cost ...

<https://www.birpublications.org/doi/abs/10.1259/bjr.20170436> - 翻译此页

作者: M Ronot - 2018 - 相关文章

找到约 12,700,000 条结果 (用时 0.55 秒)

Google 学术: Hepatocellular carcinoma surveillance: An evidence-based approach

... and treatment of patients with hepatocellular carcinoma - Bruix - 被引用次数: 512

... hepatocellular carcinoma in viral cirrhosis: an evidence ... - Cammà - 被引用次数: 435

... with hepatocellular carcinoma: a new evidence-based ... - Johnson - 被引用次数: 367

Hepatocellular carcinoma surveillance with ultrasound-cost ... - NCBI

<https://www.ncbi.nlm.nih.gov/pubmed/29446324> - 翻译此页

作者: M Ronot - 2018 - 相关文章

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?

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3036965/> - 翻译此页

作者: HB El-Serag - 2011 - 被引用次数: 94 - 相关文章

跳到Efficacy of HCC surveillance: a review of the evidence - There is intermediate-strength evidence for the efficacy of HCC surveillance in ...

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

www.imagingpathways.health.wa.gov.au/.../liver/surveillance-for-hepatocell... - 翻译此页

Evidence for surveillance in patients with the above conditions without cirrhosis is hepatocellular carcinoma in Japan: consensus-based clinical practice ...

Surveillance and Diagnosis of Hepatocellular Carcinoma ...

www.gastroenterologyandhepatology.net/.../surveillance-and-diagnosis-of-h... - 翻译此页

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

Abstract: Hepatocellular carcinoma (HCC) is an important cause of ... This article discusses the