The ALPs score derived from AFP, AFP-L3, and PIVKA-II improves di

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(PDF) Value of AFP and PIVKA-II in Diagnosis of Primary ...
https://www.researchgate.net/publication/343624114...
Diagnostic accuracy improved upon combining the AFP, PIVKA-II, and AFP-L3 **tumor** markers compared to each marker alone in detecting HCC and early HCC in cirrhotic patients.

Tumor Markers AFP, AFP-L3, and DCP in Hepatocellular ...
https://www.researchgate.net/publication/277080781...
We combined the **scores** for the tumor markers **alpha-fetoprotein** (**AFP**, ≥100 ng/mL), fucosylated **AFP** (**AFP-L3**, ≥10%), and protein induced by vitamin K absence-II (**PIVKA-II**, ≥100 mAU/mL) into a ...

Alpha-Fetoprotein and Novel Tumor Biomarkers as ...
https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3391901
Alpha-fetoprotein (**AFP**), des-γ-carboxy prothrombin (DCP), and lens culinaris agglutinin-reactive fraction of **AFP** (**AFP-L3**) have been developed with the intent to detect **hepatocellular carcinoma** (HCC) and for the surveillance of at-risk patients.However, at present, none of these tests can be recommended to survey cirrhotic patients at risk for HCC development because of their suboptimal ...

Cited by: 60   Author: Quirino Lai, Fabio Melandro, Rafael S. Pi...
Publish Year: 2012

Utility of serological tumor biomarkers for surveillance ...
https://academic.oup.com/ndt/advance-article... ▾
Three serum markers specific for HCC, namely **alpha-fetoprotein** (**AFP**), Lens culinaris agglutinin A-reactive fraction of **AFP** (**AFP-L3**) and des-gamma-carboxy prothrombin (DCP), were measured in dialysis patients with and without a diagnosis of HCC (n = 60 and 507, respectively).The predictive value of each marker and that of a **diagnostic score** (GALAD **score**) based on patient age and gender as ...

Frontiers | New Blood Biomarkers for the Diagnosis of AFP ...
https://www.frontiersin.org/articles/10.3389/fonc.2020.01316 ▾
Aug 14, 2020 · Another study found that PIVKA-II was not correlated with AFP, AFP-L3, and tumor characteristics, and the combination of PIVKA-II and AFP-L3 was capable of improving HCC detection regardless of AFP levels, with an AUROC of 0.939, sensitivity of 92.1%, and specificity of 79.7% in ANHC, which was higher than that of AFP-L3 alone (AUROC 0.824, sensitivity 71.1%, and specificity 83.8%) and PIVKA-II alone (AUROC 0.774, sensitivity **57.9%**, and specificity **95.9%**).

10,300 Results   Any time ▾

Utility of Lens culinaris agglutinin-reactive fraction of ...
https://pubmed.ncbi.nlm.nih.gov/18849011
Abstract. Background & aims: Des-gamma-carboxy prothrombin (DCP) and **Lens culinaris agglutinin-reactive fraction of alpha-fetoprotein (AFP-L3)** are surveillance markers used to detect...
Cited by: **140**   Author: Richard K. Sterling, Lennox Jeffers, Fredri...
Publish Year: 2009

Highly sensitive alpha-fetoprotein, Lens culinaris ...
https://pubmed.ncbi.nlm.nih.gov/26082262
Aim: **Hepatocellular carcinoma** (HCC) develops with high incidence in patients with chronic liver disease (CLD), and particularly in those with cirrhosis. Currently, **diagnosis** and surveillance are mainly...
Cited by: **28**   Author: Gian Paolo Caviglia, Maria Lorena Abate, ...
Publish Year: 2016

Clinical significance of lens culinaris agglutinin ...
https://www.ncbi.nlm.nih.gov/pubmed/11788893
alpha-fetoprotein (AFP) is an important marker for the **diagnosis** of **hepatocellular carcinoma** (HCC) and has been widely used in clinical settings. Recently, the importance of **lens culinaris agglutinin-**
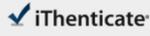
Name of Journal: *World Journal of Gastroenterology*

Manuscript NO: 63125

Manuscript Type: ORIGINAL ARTICLE

Retrospective Study

The Lens culinaris agglutinin-reactive fraction of alpha-fetoprotein improves diagnostic accuracy for hepatocellular carcinoma

ALPs score improves HCC diagnostic accuracy

Han Ah Lee, Yoo Ra Lee, Young-Sun Lee, Young Kul Jung, Ji Hoon Kim, Hyunggin An, Hyung Joon Yim, Yoon Tae Jeen, Jong Eun Yeon, Kwan Soo Byun, Yeon Seok Seo

Lens culinaris agglutinin-reactive fraction of alpha-fetoprotein imp   ⌨   🎤   🔍

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The Lens culinaris agglutinin-reactive fraction of alpha-fetoprotein (AFP-L3) has been used as a diagnostic and prognostic marker of hepatocellular carcinoma (HCC). The analytical sensitivity of a conventional method for AFP-L3% is not sufficient in patients with a low AFP level.

Cited by: 113

Publish Year: 2011

Clinical utility of highly sensitive Lens culinaris ...
▶ pubmed.ncbi.nlm.nih.gov/21244578/

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Utility of Lens culinaris agglutinin-reactive fraction of ...
https://pubmed.ncbi.nlm.nih.gov/18849011

Abstract. Background & aims: Des-gamma-carboxy prothrombin (DCP) and **Lens culinaris agglutinin-reactive fraction of alpha-fetoprotein (AFP-L3)** are surveillance markers used to detect **hepatocellular carcinoma (HCC)** in Japan. This study evaluated their utility, alone or in combination, in a North American population.

Cited by: 141   **Author:** Richard K. Sterling, Lennox Jeffers, Fredri...
Publish Year: 2009

Highly sensitive alpha-fetoprotein, Lens culinaris ...
https://pubmed.ncbi.nlm.nih.gov/26082262

Abstract. Aim: **Hepatocellular carcinoma** (HCC) develops with high incidence in patients with chronic liver disease (CLD), and particularly in those with cirrhosis. Currently, diagnosis and surveillance are mainly based on imaging methods. The aim of this study was to evaluate the diagnostic accuracy of highly sensitive measurement of α-fetoprotein (AFP), **Lens culinaris agglutinin-reactive fraction** of

...

Cited by: 30   **Author:** Gian Paolo Caviglia, Maria Lorena Abate, ...
Publish Year: 2016

Clinical significance of lens culinaris agglutinin ...
https://www.ncbi.nlm.nih.gov/pubmed/11788893