

7

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Manuscript type: ORIGINAL ARTICLE

### *Retrospective Study*

Diagnostic value of the  $\gamma$ -GT/AST ratio, PIVKA-II and alpha-fetoprotein in hepatitis B virus-related hepatocellular carcinoma

Wang *et al.* Hepatocellular carcinoma diagnosis

### Abstract

#### BACKGROUND

Researchers have been investigated the diagnostic value of protein induced by

### Match Overview

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Including results for diagnostic value of **the-gt/ast ratio**, **pivka-ii** and **afp** in hepatitis b virus-related hepatocellular carcinoma.

Do you want results only for Diagnostic value of the  $\gamma$ -GT/AST ratio, PIVKA-II and AFP in hepatitis B virus-related hepatocellular carcinoma?

### A Systematic Review of Des- $\gamma$ -Carboxy Prothrombin for the ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4998701>

Apr 29, 2016 · A Systematic Review of Des- $\gamma$ -Carboxy Prothrombin for **the Diagnosis of Primary Hepatocellular Carcinoma**. Ji ... et al. **Diagnostic value of AFP-L3 and PIVKA-II in hepatocellular ...** et al. Prognostic values of alpha-fetoprotein and protein induced by vitamin K absence or antagonist-II in **hepatitis B virus-related hepatocellular carcinoma**: a ...

Cited by: 1

Author: Ji De, Yi Shen, Jinyu Qin, Li Feng, Yiping ...

Publish Year: 2016

### Diagnostic value of PIVKA-II and alpha-fetoprotein in ...

[https://www.researchgate.net/publication/274727964\\_Diagnostic\\_value\\_of\\_PIVKA-II\\_and...](https://www.researchgate.net/publication/274727964_Diagnostic_value_of_PIVKA-II_and...)

**Diagnostic value of PIVKA-II and alpha-fetoprotein in hepatitis B virus-associated hepatocellular carcinoma** Article · April 2015 with 40 Reads DOI: 10.3748/wjg.v21.i13.3928 · Source: PubMed

### Protein induced by vitamin K absence or antagonist-II ...

<https://www.sciencedirect.com/science/article/pii/S1499387218301991>

However, there is still no consensus on the superior **diagnostic value** of PIVKA-II when compared with **AFP**. Furthermore, the etiology of HCC differs significantly between the West (mainly **hepatitis C**-related) and the East (mainly **hepatitis B**-related). It is unknown whether PIVKA-II and **AFP** perform differently in diagnosing HCC of different ...

Cited by: 2

Author: Hao Xing, Yi-Jie Zheng, Jun Han, Han Zh...

Publish Year: 2018

### Diagnostic value of serum PIVKA-II levels for BCLC early ...

<https://content.iospress.com/articles/cancer-biomarkers/cbm181402>

The sensitivity, specificity, positive predictive **value**, negative predictive **value** and kappa of PIVKA-II were higher than **AFP** in the **diagnosis** of HCC. Serum PIVKA-II level was correlated with tumor size, tumor cell differentiation and BCLC staging (  $P < 0.05$  ).

Author: Jiali Wu, Zhevi Xiang, Le Bai, Laqu H...

Publish Year: 2018





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### Diagnostic value of protein induced by vitamin K absence ...

[https://www.researchgate.net/publication/10713851\\_Diagnostic\\_value\\_of\\_protein\\_induced...](https://www.researchgate.net/publication/10713851_Diagnostic_value_of_protein_induced...)

**Protein induced by vitamin K absence or antagonist-II** showed higher area under the curve than **alpha-fetoprotein** for diagnosis of **hepatitis B virus-related hepatocellular carcinoma** patients (0 ...

**Author:** Rutao Cui, J He, F Zhang, X Chen

### Performance of protein induced by vitamin K absence or ...

[https://www.researchgate.net/publication/324596240\\_Performance\\_of\\_protein\\_induced\\_by...](https://www.researchgate.net/publication/324596240_Performance_of_protein_induced_by...)

**Protein induced by vitamin K absence or antagonist-II** showed higher area under the curve than **alpha-fetoprotein** for diagnosis of **hepatitis B virus-related hepatocellular carcinoma** patients (0 ...

### Prognostic value of $\alpha$ -fetoprotein and des- $\gamma$ -carboxy ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3545962>

Kim HS, Park JW, Jang JS, Kim HJ, Shin WG, Kim KH, Lee JH, Kim HY, Jang MK. Prognostic values of **alpha-fetoprotein** and **protein induced by vitamin K absence or antagonist-II** in **hepatitis B virus-related hepatocellular carcinoma**: a prospective study. J Clin Gastroenterol. 2009; 43 (5):482–488. doi: 10.1097/MCG.0b013e318182015a.

**Cited by:** 25

**Author:** Yong Kang Lee, Seung Up Kim, Do Young K...

**Publish Year:** 2013

### Effectiveness of PIVKA-II in the detection of ...

<https://bmccancer.biomedcentral.com/articles/10.1186/s12885-017-3609-6> ▾

Sep 01, 2017 · **Protein Induced by Vitamin K Absence or Antagonist-II (PIVKA-II)** is an efficient biomarker specific for **hepatocellular carcinoma (HCC)**. Some researchers have proved that levels of PIVKA-II reflect HCC oncogenesis and progression. However, the effectiveness of PIVKA-II based on real-world clinical data has barely been studied. A total of 14,861 samples were tested in Southwest Hospital in ...

**Cited by:** 6

**Author:** Rentao Yu, Zhaoxia Tan, Xiaomei Xiang, Yu...

**Publish Year:** 2017 **Author:** Rentao Yu

### Diagnostic utility of alpha-fetoprotein and des-gamma ...

[www.njcponline.com/article.asp?issn=1119-3077;year=2017;volume=20;issue=10;spage=1267;...](http://www.njcponline.com/article.asp?issn=1119-3077;year=2017;volume=20;issue=10;spage=1267;...)

**Diagnostic utility of alpha-fetoprotein** and des-gamma-carboxyprothrombin in nigerians with **hepatocellular carcinoma** Akpakip Ikpong Ette 1, DA Ndububa 2, O Adekanle 2, U Ekrikpo 3 1 Department of Medicine, University of Uyo Teaching Hospital, Uyo, Akwa Ibom State, Nigeria 2 Department of Medicine, University of Uyo Teaching Hospital, Uyo, Akwa Ibom

**Author:** Akpakip Ikpong Ette, Da Ndububa, O Ad... **Publish Year:** 2017