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Retrospective Study

Real impact of tumor marker AFP and PIVKA- II in detecting very small hepatocellular carcinoma (≤ 2 cm, Barcelona stage 0)—assessment with large number of cases

Tarao K *et al.* Impact of TM in small HCC

Kazuo Tarao, Akito Nozaki, Hirokazu Komatsu, Tatsuji Komatsu, Masataka Taguri, Katsuaki Tanaka, Makoto Chuma, Kazushi Numata, Shin Maeda

Kazuo Tarao, Department of Gastroenterology, Tarao's Gastroenterological Clinic, Yokohama 241-0821, Japan

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Real impact of tumor marker AFP and PIVKA-II in detecting very small Hc



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PIVKA-II Is a Useful Tumor Marker for Recurrent ...

<https://www.researchgate.net/publication/5761969...>

The sensitivity and specificity of rapid and early **AFP** responses in the CR+PR were **0.78** and **0.72**, and **0.80** and **0.73**, respectively, and those of rapid and early DCP responses were **0.67** and **0.65** ...

Test Characteristics of ??-Fetoprotein for Detecting ...

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Level of **AFP** identified early-stage **HCC** with a c-statistic of **0.62** (95% confidence interval, **0.58-0.66**), and had a significantly higher level of accuracy for HIV-positive patients than HIV ...

Author: Samir Gupta

The 4th Asia-Pacific Primary Liver Cancer Expert Meeting

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3881321>

The risk of **HCC** development in patients with **AFP** ≥ 3.9 ng/mL and platelet $<150 \times 10^9$ /L was 3.9% at year 2 and 7.2% at year 3, while it was **0.3–0.6%** and **0.5–0.8%**, respectively in other patients. Again, the risk of **HCC** was significantly reduced by IFN therapy in the high-risk group but not in the low-risk group.

Author: Kwang-Hyub Han, Masatoshi Kudo, S... **Publish Year:** 2013

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Development of tumors in the liver cells.

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Impact of PIVKA-II in diagnosis of hepatocellular carcinoma

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Stage 1 8 11.65 (2.7–20.6) P = 0.232 36.75 (29.8 ... Although serum **AFP** is the most ...

Test Characteristics of ??-Fetoprotein for Detecting ...

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Besides **detecting** patients with early **stage** or **small** tumours (eg, ≤2.0 cm) from non-HCC, the 5hmC model showed high capacity for distinguishing early HCC from high risk subjects with CHB or LC ...

Author: Samir Gupta

Clinical and molecular insights into the hepatocellular ...

<https://www.researchgate.net/publication/46577107...>

When serum levels of PIVKA-II and **AFP** were combined to obtain a new **marker** for HCC diagnosis, PIVKA-II + **AFP** further increased diagnostic efficiency, with AUROC of 0.868 (95%CI 0.822-0.913 ...

PIVKA-II Is a Useful Tumor Marker for Recurrent ...

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Impact of PIVKA-II in diagnosis of hepatocellular carcinoma

<https://www.researchgate.net/publication/259169371...>

Among Egyptians viral hepatitis is the most common risk factor for **hepatocellular carcinoma** (HCC). ...
Stage 1 8 11.65 (2.7–20.6) **P** = 0.232 36.75 (29.8 ... Although serum **AFP** is the most ...

The growing impact of alpha-fetoprotein in the field of ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5639034>

Sep 16, 2017 · A total of 398 T2 HCC listed for LT were analyzed: a subgroup of **cases** presenting one **tumor** of 2–3 cm, and both a complete response and **AFP** level ≤ 20 ng/mL after the first LRT had an incredibly low 2-year probability of drop-out (only 1.6%) vs. 26.5% in the other patients ($P=0.004$) .

Cited by: 6**Author:** Quirino Lai, Quirino Lai, Samuele Iesari, ...**Publish Year:** 2017

Alpha-Fetoprotein and Novel Tumor Biomarkers as Predictors ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3391901>

1. Alpha-Fetoprotein: A Historical Background. Alpha-fetoprotein (**AFP**) has been considered for a long time the ideal serological **marker** for **detecting hepatocellular carcinoma** (HCC).. It is well known that persistently elevated **AFP** levels are related to the presence of HCC and that its determination can be helpful for a better definition of at-risk patients (i.e., patients with a history of ...

Cited by: 57**Author:** Quirino Lai, Fabio Melandro, Rafael S. Pi...**Publish Year:** 2012

PIVKA-II Is a Useful Tumor Marker for Recurrent ...

<https://www.researchgate.net/publication/5761969...>

The sensitivity and specificity of rapid and early **AFP** responses in the CR+PR were 0.78 and 0.72, and 0.80 and 0.73, respectively, and those of rapid and early DCP responses were 0.67 and 0.65 ...

Diagnostic value of PIVKA-II in detecting hepatocellular ...

<https://www.researchgate.net/publication/315323411...>

The combined AUC for three markers showed higher value than the AUCs of individual **marker** ($P < 0.05$). **AFP**-L3 had higher AUC value than PIVKA-II for HCC detection in entire patients ($P = 0.043$...

See results for

Des-gamma Carboxyprothrombin

Des-gamma carboxyprothrombin (DCP), also known as protein induced by vitamin K absence/antagonist-II (PIVKA-II), is an abnormal form of the c...

Alpha-fetoprotein

Alpha-fetoprotein is a protein that in humans is encoded by the AFP gene. The AFP gene is located on the q arm of c...

