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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

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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 ...

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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 ...

https://www.researchgate.net/publication/272921517_Test_Characteristics_of...

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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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...

