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*Observational Study*

**Prevalence of hepatocarcinoma-related hepatitis B virus mutants in patients in grey zone of treatment**

Gil-García AI *et al.* HCC-related HBV mutants in patients in grey zone

Ana I Gil-García, Antonio Madejón, Irene Francisco-Recuero, Ana López-López, Emiliana Villafranca, Miriam Romero, Araceli García, Antonio Olveira, Rocío Mena, Juan R Larrubia, Javier García-Samaniego

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## Antiviral therapies for hepatitis B virus-related ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4385532>

Apr 07, 2015 · Timely initiation of antiviral **treatment** is not only essential for preventing the incidence of HCC in chronic hepatitis **B patients**, but also important for reducing **HBV** reactivation, improving liver function, reducing or delaying HCC recurrence, and prolonging overall survival of **HBV-related HCC patients** after curative and palliative therapies.

Cited by: 3

Author: Yuan-Qing Zhang, Jin-Sheng Guo

Publish Year: 2015

## Hepatitis B virus genotypes: Global distribution and ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4017058>

May 14, 2014 · Core tip: Hepatitis **B virus (HBV)** infection is the leading cause of chronic liver disease and death worldwide. The clinical course and consequences of **HBV** infection are affected by several factors such as viral load, mutation, host, environment, and viral genotypes.

Cited by: 175

Author: Mustafa Sunbul

Publish Year: 2014

## [PDF] Management of Chronic Hepatitis B in Asian Americans

[www.chronicliverdisease.org/disease\\_focus/ppts/hbv/Management\\_of\\_Chronic\\_HepatitisB\\_in...](http://www.chronicliverdisease.org/disease_focus/ppts/hbv/Management_of_Chronic_HepatitisB_in...)

• **Patients** in the **gray zone** - assess for antiviral therapy: -HBeAg- chronic hepatitis • **HBV DNA** >2000 IU/mL, ALT ≤ULN (of the clinical laboratory) -HBeAg +/- chronic hepatitis • **HBV DNA** ≤2000 IU/mL, ALT >ULN (of the clinical laboratory) -Assess for antiviral therapy • **Liver biopsy** if available; if not, use Risk Impact Score

## Prevalence of hepatitis B virus DNA polymerase mutations ...

<https://onlinelibrary.wiley.com/doi/full/10.1111/j.1365-2036.2009.04151.x>

Hepatitis **B virus (HBV)** is the leading cause of chronic liver disease worldwide. 1, 2 Baseline **HBV DNA** is highly predictive of disease progression with development of cirrhosis and liver cancer. 3 At least **in patients** with advanced fibrosis, **treatment** with anti-viral therapy can decrease the risk of disease progression to cirrhosis and ...

Cited by: 16

Author: M. H. Nguyen, R. T. Garcia, H. N. Trinh, ...

Publish Year: 2009

## Hepatitis B viral factors in HBeAg-Negative carriers with ...

<https://aasldpubs.onlinelibrary.wiley.com/doi/full/10.1002/hep.21585>

Apr 26, 2007 · Thus, the clinical spectrum of **HBeAg-negative chronic HBV infection** may range from inactive carrier to aggressive **chronic hepatitis** with or without cirrhosis. 2 The differential diagnosis of





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## High incidence of treatment-induced and vaccine-escape ...

<https://aasidpubs.onlinelibrary.wiley.com/doi/full/10.1002/hep.26374>

Mar 06, 2013 · Anti-hepatitis B virus (HBV) nucleos(t)ides analogs (NA) exert selective pressures on polymerase (pol) and surface (S) genes, inducing treatment resistance and increasing the risk of vaccine escape mutants. The rate of emergence for these mutations is largely unknown in patients coinfecting with human immunodeficiency virus (HIV) and HBV ...

Cited by: 28

Author: Karine Lacombe, Karine Lacombe, Ander...

Publish Year: 2013

## Hepatitis B Virus (HBV) Infection in Liver Disease ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4003639>

Objectives: To determine the prevalence of Hepatitis B Surface antigen (HBsAg) in patients attending the Hepatology Out Patient Department (OPD) of a tertiary care hospital and to compare the routinely used HBsAg detection kit with the mutant detection kit to find out the presence of mutants in a given setting. Materials and Methods: A cross-sectional study was carried out in adult patients ...

Cited by: 3

Author: Shweta P. Kamat, Preeti R. Mehta, Supri...

Publish Year: 2014

## Hepatitis B Virus-Related Hepatocellular Carcinoma ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4645579>

Jul 18, 2014 · Infection with the hepatitis B virus (HBV) is one of most important risk factors for hepatocellular carcinoma (HCC). Indeed, HBV is considered a group 1 human carcinogen and is a highly oncogenic agent. HBV cannot be effectively controlled or completely eliminated, so ...

Cited by: 7

Author: Hong-Zhi Xu, Yun-Peng Liu, Bayasi Gulen...

Publish Year: 2014

## High mutation prevalence of precore and basal core ...

<https://www.sciencedirect.com/science/article/pii/S1590865819306784>

Jul 15, 2019 · It is estimated that ~250 million people worldwide are chronically infected with hepatitis B virus (HBV), among whom ~25–40% individuals will eventually develop HBV-related liver cirrhosis and hepatocellular carcinoma .

Author: Yuqian Luo, Mingjie Pan, Mingzhe Nin... Publish Year: 2019

## Hepatitis B virus: Prevalence of precore/core promoter ...

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### High incidence of treatment-induced and vaccine-escape ...

<https://aasldpubs.onlinelibrary.wiley.com/doi/full/10.1002/hep.26374>

Mar 06, 2013 · Anti-**hepatitis B virus** (HBV) nucleos(t)ides analogs (NA) exert selective pressures on polymerase (pol) and surface (S) genes, inducing **treatment** resistance and increasing the risk of vaccine escape **mutants**. The rate of emergence for these mutations is largely unknown **in patients** coinfecting with human immunodeficiency **virus** (HIV) and HBV ...

**Cited by:** 28 **Author:** Karine Lacombe, Karine Lacombe, Anders ...**Publish Year:** 2013

### Hepatitis B Virus-Related Hepatocellular Carcinoma ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4645579>

Jul 18, 2014 · Infection with the **hepatitis B virus** (HBV) is one of most important risk factors for hepatocellular carcinoma (HCC). Indeed, HBV is considered a group 1 human carcinogen and is a highly oncogenic agent. HBV cannot be effectively controlled or completely eliminated, so ...

**Cited by:** 7 **Author:** Hong-Zhi Xu, Yun-Peng Liu, Bayasi Guleng, ...**Publish Year:** 2014

### Prevalence of hepatitis B and C infections in ...

<https://f1000research.com/articles/5-1910> ▾

**Patients** with chronic renal failure (CRF) on hemodialysis constitute a population at risk of HBV and HCV infections. Objective : Determining **prevalence** of the surface antigen of **hepatitis B virus** (HBsAg) and antibodies to **hepatitis C virus** (anti-HCV) **in patients** who attended dialysis units in the city of ...

**Cited by:** 1 **Author:** Karina Salvatierra, Hector Florez**Publish Year:** 2016

### Hepatitis B virus: Prevalence of precore/core promoter ...

[https://www.researchgate.net/publication/10572252\\_Hepatitis\\_B\\_virus\\_Prevalence\\_of...](https://www.researchgate.net/publication/10572252_Hepatitis_B_virus_Prevalence_of...)

Download Citation on ResearchGate | **Hepatitis B virus: Prevalence of precore/core promoter mutants in different clinical categories of Indian patients** | To determine the association of precore ...

### Molecular characterization of hepatitis B virus from ...

<https://www.sciencedirect.com/science/article/pii/S1201971216000291>

The phylogenetic tree was based on a 943-nucleotide (nt) fragment of the **hepatitis B virus** genome encoding the reverse transcriptase/**hepatitis B** surface antigen (nt 131–1,073 in the reference sequence, GenBank accession no. AF405706). The HBV DNA from isolates obtained in this study is indicated by a boldface white font on a black background.