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**Hepatitis B virus** recurrence after liver transplantation: An old tale or a clear and present danger?

Lenci I *et al.* HBV recurrence after LT

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### Abstract

Hepatitis B virus (HBV) recurrence after liver transplantation (LT) has been described more than 50 years ago. Similarly, to other clinical conditions, in which impairment of host immune defense favors viral replication, early reports described in details recurrence and reactivation of HBV in liver transplant recipients. The evidence of a possible, severe, clinical evolution of HBV reappearance in a significant percentage of these patients, allowed to consider, for some years, HBV positivity a contraindication for LT. Moving from the old to the new millennium this picture has changed dramatically. Several studies contributed to

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In contrast, regeneration in **human disease** may be direct response to **acute hepatocyte death** (eg, **after acetaminophen intoxication**) or persistent **cell death** in **chronic liver diseases** rather than a direct consequence of loss of anatomical or functional **liver mass**. Hence, it is not clear whether compensatory **regeneration after** cytotoxic **loss of hepatocytes** differs **mechanistically from liver regeneration after partial** ...

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## Cell Death and Cell Death Responses in Liver Disease ...

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Cell Death and Cell Death Responses in **Liver Disease**: Mechanisms **and** Clinical Relevance. ... (eg, **after liver transplantation**), ... 193 In patients who do not **clear** the **HBV** or HCV virus, there is persistent T cell– and natural killer cell–mediated hepatocyte apoptosis. Although apoptosis of infected hepatocytes is primarily a protective ...

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## Management of chronic hepatitis C virus infection: a new ...

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The sequelae of **chronic HCV** are largely the result of significant **liver disease**, including progressive **liver fibrosis**, cirrhosis with its complications of portal hypertension and **liver failure**, and primary **liver cancer** (hepatocellular carcinoma, HCC). 3, 14–21 **Chronic HCV** has become the commonest indication for **liver transplantation** in Australia and the USA 1, 2 and it now rivals chronic **hepatitis B virus** (HBV...



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Historically, the **recurrence of hepatitis B virus (HBV) infection after liver transplantation** has been associated with unsatisfactory survival especially in patients with active viral replication at the time of **transplantation** and in those who were not treated with long-term **B-virus prophylaxis** (32,33). The recent use of antiviral agents (eg., lamivudine) and long-term use of passive ...

**Cited by:** 3**Author:** Kareem Abu-Elmagd, John Fung, Jorg...**Publish Year:** 1998

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Apr 01, 2003 · All of the re-infected patients (nine in all) were HBV-DNA-positive before **transplantation**.<sup>132</sup> Prevention of **recurrence** of infection **after liver transplantation** has also been attempted with lamivudine in combination with HBIg.<sup>133</sup> In this study, lamivudine treatment was initiated before or at the time of **transplantation**, and continued thereafter ...

**Cited by:** 126**Author:** Peter Karayiannis**Publish Year:** 2003

## [Hepatitis B - Symptoms and causes - Mayo Clinic](#)

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Symptoms

Causes

Risk Factors

Complications



Hepatitis B is a serious liver infection caused by the hepatitis B virus (HBV). For some people, hepatitis B infection becomes chronic, meaning it lasts more than six months. Having chronic hepatitis B increases your risk of developing liver failure, liver cancer or cirrhosis — a condition that permanently scars of the liver. Most adults with hepatitis B recover fully, even if their signs and symptoms are severe. Infants and children are more likely to develop a chronic (long-lasting) hepa...



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<https://www.webmd.com/hepatitis/digestive-diseases-hepatitis-b>

**Hepatitis B** is an infection of your **liver**. It can cause scarring of the organ, **liver** failure, and cancer. It can be fatal if it isn't treated. It's spread when people come in contact with the ...