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Retrospective Study

Clinical efficacy of direct-acting antiviral therapy for recurrent hepatitis C virus infection after liver transplantation in patients with hepatocellular carcinoma

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Abstract

BACKGROUND

Recurrent hepatitis C virus (HCV) infection of transplanted liver allografts is universal in patients with detectable HCV viremia at the time of transplantation.

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Use of Direct-acting Antiviral to Treat HCV Recurrence ...

<https://clinicaltrials.gov/ct2/show/NCT01944527>

Sep 17, 2013 - Liver transplant patients with recurrent hepatitis C virus infection treated with direct-acting antiviral agents and followed up in centers of transplantation of the university hospitals.

Safety and efficacy of direct-acting antivirals for ...

<https://bmcnephrol.biomedcentral.com/articles/10.1186/s12882-020-1687-1>

Jan 16, 2020 - Close monitoring of tacrolimus blood levels and dose reduction was required in kidney transplant recipients. HCV therapy in the setting of renal dysfunction has always been a challenging topic. Direct-acting antivirals have shown promising effects, demonstrating good tolerance and efficacy in patients with HCV infection and renal impairment.

[PDF] Chronic Hepatitis C Virus Infection: Developing Direct ...

<https://www.fda.gov/media/79486/download>

The purpose of this guidance is to assist sponsors in the clinical development of direct-acting, antiviral (DAA) drugs for the treatment of chronic hepatitis C (CHC) from the pre-investigational new drug application (pre-IND) stage through the new drug application (NDA) and postmarketing stages.

Direct-Acting Antiviral Therapy for Hepatitis C Virus ...

[https://www.gastrojournal.org/article/S0016-5085\(19\)41137-2/fulltext](https://www.gastrojournal.org/article/S0016-5085(19)41137-2/fulltext)

Jul 30, 2019 - There is controversy regarding the benefits of direct-acting antiviral (DAA) therapy for hepatitis C virus (HCV) infection for patients with a history of hepatocellular carcinoma (HCC). We performed a multicenter cohort study to compare overall survival between patients with HCV infection treated with DAAs and patients who did not receive DAA treatment for their HCV infection after ...

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Direct-acting antivirals and hepatocellular carcinoma in ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6021774>

Jun 28, 2018 · **Direct acting antiviral therapy** and tumor recurrence **after liver transplantation** for **hepatitis C-associated hepatocellular carcinoma**. J Hepatol. 2016; 65 :859–860.

Cited by: 12

Author: Maria Guarino, Anna Sessa, Valentina Co...

Publish Year: 2018

Use of Sofosbuvir-Based Direct-Acting Antiviral Therapy ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4732277>

Sofosbuvir-based **direct-acting antiviral therapy** revolutionized the treatment of **hepatitis C virus (HCV) infection**; however, sofosbuvir use is not approved for **patients** with severe renal insufficiency [estimated glomerular filtration (eGFR) rate below 30 mL/min] or end stage renal disease (ESRD) based on concerns raised during premarket animal testing over hepatobiliary and cardiovascular ...

Cited by: 72

Author: Gregory L. Hundemer, Meghan E. Sise, J...

Publish Year: 2015

Direct-Acting Antiviral Therapy for Hepatitis C Virus ...

<https://www.sciencedirect.com/science/article/pii/S0016508519411372>

Chronic **hepatitis C virus (HCV) infection** remains the most common cause of HCC in North America and Europe. 6 Several studies have reported a benefit of **direct-acting antiviral (DAA) therapy** in reducing incident HCC and mortality among HCV-infected individuals, 7, 8, 9 but the impact of these therapies on prognosis **in patients** who have had a



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Efficacy of antiviral therapy for hepatitis C after liver ...

<https://aasldpubs.onlinelibrary.wiley.com/doi/abs/10.1002/lt.23516>

Cyclosporine A (CSA), but not tacrolimus (TAC), inhibits **hepatitis C virus** (HCV) replication in vitro. **Clinical reports on the efficacy of interferon- α (IFN α)–based antiviral therapy (AVT) for recurrent HCV after liver transplantation (LT) with CSA and TAC are conflicting.**

Cited by: 24 **Author:** Rania Rabie, Khalid Mumtaz, Eberhard L....

Publish Year: 2013

Antiviral Treatment for Hepatitis C Virus Infection after ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2989693>

2. **Clinical Course after Liver Transplantation.** Spontaneous clearance of HCV **after transplantation** is rare [7–11], and reinfection of the allograft is common [12, 13]. Histologic progression of HCV under immunosuppressive **therapy** is more rapid than that in nontransplant **patients** [14, 15]. HCV **patients** have a poorer prognosis **after liver transplantation** than those with other indications [16 ...

Cited by: 3 **Author:** Yasuhiko Sugawara, Sumihito Tamura, N...

Publish Year: 2010

Use of Sofosbuvir-Based Direct-Acting Antiviral Therapy ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4732277>

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Cited by: 77 **Author:** Gregory L. Hundemer, Meghan E. Sise, J...

Publish Year: 2015

Direct-Acting Antiviral Therapy for Hepatitis C Virus ...

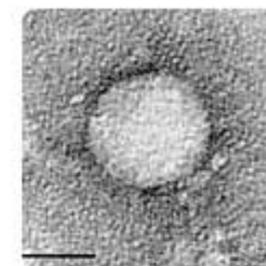
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Jul 30, 2019 · There is controversy regarding the benefits of **direct-acting antiviral (DAA) therapy** for **hepatitis C virus** (HCV) **infection** for **patients** with a history of **hepatocellular carcinoma** (HCC). We performed a multicenter cohort study to compare overall survival between **patients** with HCV **infection** treated with DAAs and **patients** who did not receive DAA treatment for their HCV **infection after** ...

Cited by: 13 **Author:** Amit G. Singal, Nicole E. Rich, Neil Meht

Hepatitis C virus

Rna Viru



The hepatitis C virus is a small, enveloped, positive-sense single-stranded RNA virus of the family Flaviviridae. The hepatitis C virus is the cause of hepatitis C and some cancers such as liver cancer and lymphomas in humans.

Wikipedia

Higher classification: Hepacivirus

Scientific name: Hepatitis C Virus

Family: Flaviviridae

Phylum: Kitrinoviricota

Kingdom: Orthornavirae

Biological rank: Species

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