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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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Publish Year: 2015

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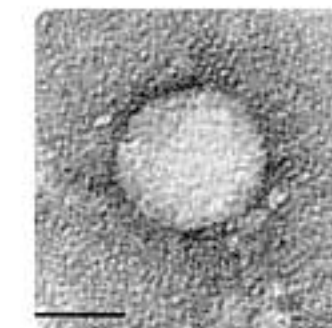
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Jul 30, 2019 · There is controversy regarding the benefits of **direct-acting antiviral** (DAA) **therapy** for **hepatitis C virus** (HCV) **infection** for **patients** with a history of **hepatocellular carcinoma** (HCC). We performed a multicenter 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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