

4
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Observational Study

Monitoring hepatitis C virus treatment rates in an Opioid Treatment Program: A longitudinal study

Arantza Sanvisens, Inmaculada Rivas, Eva Faure, Néstor Espinach, Anna Hernandez-Rubio, Xavier Majo, Joan Colom, Robert Muga

Abstract

BACKGROUND

Direct-acting antivirals (DAAs) are recommended for the treatment of hepatitis C virus (HCV) infection in patients treated with methadone or buprenorphine.

Match Overview

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National Trends in Hepatitis C Infection by Opioid Use ...

<https://www.cdc.gov/mmwr/volumes/68/wr/mm6839a1.htm> ▼

Oct 03, 2019 · **Hepatitis C virus (HCV)** is transmitted primarily through parenteral exposures to infectious blood or body fluids that contain blood (e.g., via injection drug use, needle stick injuries) (1). In the last 10 years, increases in **HCV** infection in the general U.S. population (1) and among pregnant women (2) are attributed to a surge in injection drug use associated with the **opioid** crisis.

Cited by: 2

Author: Jean Y. Ko, Sarah C. Haight, Sarah F. Sc...

Publish Year: 2019

Hepatitis C Prevalence and Management Among Patients ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6315251>

Our findings (Table 5) suggest that although the testing rates for HCV among PWIDs attending general practice for opioid substitution treatment have increased since 2003, access to further assessment and antiviral treatment remains a challenge. Although **94.8%** (127/134) of patients had been tested for anti-HCV antibody in their lifetime (of whom 99/127, 77.9% tested positive), only ...

Cited by: 4

Author: Ross Murtagh, Davina Swan, Eileen O'C...

Publish Year: 2018

Concurrent Initiation of Hepatitis C and Opioid Use ...

<https://academic.oup.com/cid/advance-article-abstract/doi/10.1093/cid/ciaa105/5721142> ▼

There is a rising **opioid** epidemic, with a parallel rise in **hepatitis C virus (HCV)** infection [1]. **HCV** is disproportionately prevalent in people who inject drugs (PWID), and **treatment** of this patient population is critical to interrupting ongoing transmission [2, 3]. Recent studies have demonstrated that high **rates** of sustained virologic response (SVR) are feasible in people with **opioid** use ...

HCV treatment rates and sustained viral response among ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4409099>

In this study, we determined current treatment rates and outcomes among PWID in selected sites

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Hepatitis C Virus Testing and Treatment Among Persons ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5097249>

1. Introduction. More than 4 million people in the United States are infected with the **hepatitis C virus** (HCV) (Ditah et al., 2014). The population most at risk is people who inject drugs (PWID) (Armstrong et al., 2006), where HCV prevalence rates range between 35% and 73% (Amon et al., 2008; Nelson et al., 2011). While HCV treatment regimens have improved significantly, lack of diagnosis ...

Cited by: 8

Author: Katelyn J. Carey, Wei Huang, Benjamin P. Li...

Publish Year: 2016

National Trends in Hepatitis C Infection by Opioid Use ...

<https://www.cdc.gov/mmwr/volumes/68/wr/mm6839a1.htm> ▾

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Cited by: 3

Author: Jean Y. Ko, Sarah C. Haight, Sarah F. Schilli...

Publish Year: 2019

Hepatitis C Treatment Uptake among Patients Who Have ...

<https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0166451> ▾

Nov 15, 2016 - Background and Aims There is limited data on **hepatitis C** (HCV) treatment uptake among people who inject drugs including individuals receiving **opioid** substitution treatment (OST). We aimed to calculate cumulative HCV treatment uptake, estimate annual treatment rates, and identify factors associated with HCV treatment among individuals who have received OST in Norway.

Cited by: 20

Author: Håvard Midgard, Håvard Midgard, Jørgen G...

Publish Year: 2016

PEOPLE ALSO ASK

Does hepatitis C increase opioid crisis? ▾

How to discontinue HCV RNA? ▾

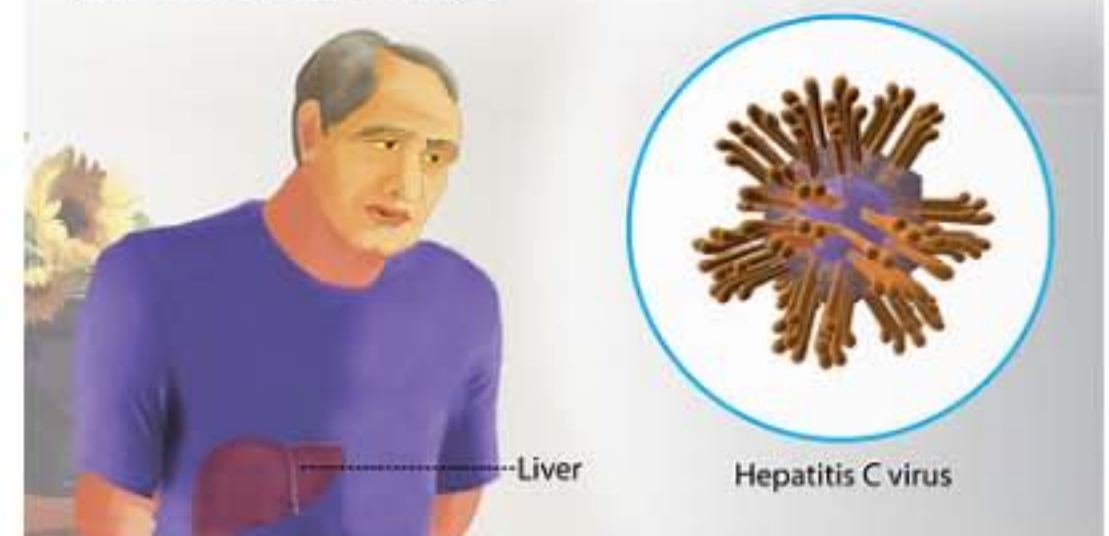
What is the rate of hepatitis C in women? ▾

When to repeat HCV RNA? ▾

Hepatitis C

Medical Condition

Bloodborne disease characterized by fatigue, feeling sick, yellowing of skin and eyes



A viral infection that causes inflammation of liver.

 Common (More than 200,000 cases per year in US)

 Transmitted through blood contact

 Often requires lab test or imaging

 Treatment from medical professional advised

 Can last several months or years

A blood borne virus and commonly transmitted through blood. Most of the people show no symptoms or experience a mild illness which may include fatigue, abdominal pain, loss of appetite, nausea or yellow discoloration of eyes and skin. Although no vaccine for hepatitis C is available. Medicines can cure most cases of hepatitis C.

Symptoms

During the acute phase (first 6 months after infection) most persons show no symptoms or might experience a mild illness.

During the chronic phase the symptoms include:

- Jaundice (yellow discoloration of the skin and eyes)
- Easy bruising and bleeding



36,500 Results Any time ▾

Hepatitis C Virus Testing and Treatment Among Persons ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5097249>

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Hepatitis C Prevalence and Management Among Patients ...

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Hepatitis C virus (HCV) **infection** is a major cause of chronic liver disease and death. Injection drug use is now one of the main routes of transmission of HCV in Ireland and globally with an estimated 80% new infections occurring among people who inject ...

Cited by: 5 **Author:** Ross Murtagh, Davina Swan, Eileen O'C...
Publish Year: 2018

Determinants of Hepatitis C Virus Treatment Completion and ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3582354>

Mar 15, 2013 · An estimated 170 million people globally and 5 million people in the United States are infected with **hepatitis C virus** (HCV), with injection drug use as the major transmission route []. Fifty percent to 80% of those exposed to HCV will develop chronic **infection** that can ultimately lead to hepatic fibrosis, hepatocellular carcinoma, and cirrhosis [].

Cited by: 158 **Author:** Rositsa B. Dimova, Marija Zeremski, Ira ...
Publish Year: 2013

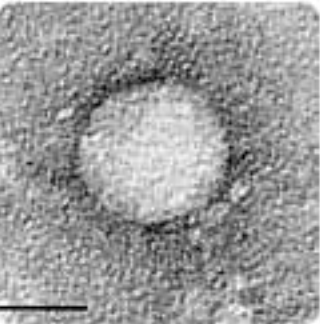
Hepatitis C Treatment Uptake among Patients Who Have ...

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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.



Higher classification: Hepacivirus

Scientific name: Hepatitis C Virus

Family: Flaviviridae

Phylum: Kitrinoviricota

Kingdom: Orthornavirae

Biological rank: Species

Data from: Wikipedia · Wikidata · Freebase

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