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22
Name of Journal: *World Journal of Gastroenterology*

Manuscript NO: 63044

Manuscript Type: REVIEW

Metabolic complications of hepatitis C virus infection

Rahul Chaudhari, Sherouk Fouda, Ashik Sainu, Joseph M Pappachan

Metabolic complications of Hepatitis C virus infection



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<https://www.ncbi.nlm.nih.gov/pubmed/27499712>

While chronic HCV infection contributes to incident development of **metabolic complications**, the presence of concurrent **metabolic diseases** also contributes to disease progression, such as higher risks of **hepatocellular carcinoma** and **progression** to advanced fibrosis, among patients with **chronic HCV infection**.

Cited by: 21

Author: Robert J Wong, Robert G Gish

Publish Year: 2016

Metabolic Manifestations of Hepatitis C Virus: Diabetes ...

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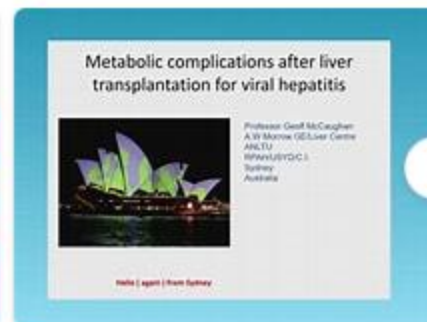
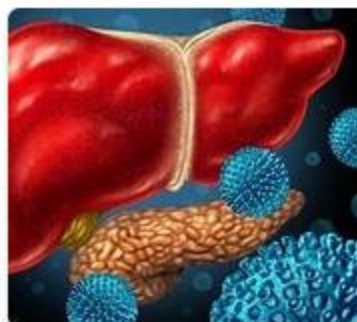
Metabolic disorders are common in patients with chronic hepatitis C virus (HCV) infection. Epidemiologic and clinical data indicate an **overprevalence of lipids abnormalite**, **steatosis**, **insuline resistance (IR)** and **diabetes mellitus** in HCV patients, suggesting that ...

Cited by: 21

Author: Lawrence Serfaty

Publish Year: 2017

Images of metabolic complications of Hepatitis C Virus Infecti...

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Metabolic complications of hepatitis C virus infection



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Metabolic Manifestations and Complications Associated ...

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Cited by: 21

Author: Robert J Wong, Robert G Gish

Publish Year: 2016

Hepatitis C virus infection of human thyrocytes: metabolic ...

<https://www.ncbi.nlm.nih.gov/pubmed/31784757>

Nov 30, 2019 · Thyroid dysfunction is one of the most common extrahepatic manifestation of HCV infection. We hypothesized that HCV can directly infect human thyrocytes thereby causing thyroid dysfunction. SETTING: Human thyrocytes in primary cell culture, **ML-1 human thyroid cell line**, and Huh7.5 human **hepatocyte cell line** were **infected with** HCV using the Huh7.5JFH1 cell line that ...

Cited by: 2

Author: Sara Salehi Hammerstad, Jason T Black...

Publish Year: 2020

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Metabolic Manifestations and Complications Associated With ...

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While chronic HCV infection contributes to incident development of metabolic complications, the presence of concurrent **metabolic diseases** also contributes to disease progression, such as **higher risks of hepatocellular carcinoma and progression to advanced fibrosis**, ...

Cited by: 21 **Author:** Robert J Wong, Robert G Gish
Publish Year: 2016

Images of Metabolic Complications of Hepatitis C virus infection

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Hepatitis C Complications

- Hepatitis encephalopathy – if untreated can lead to:
 - Confusion
 - Disorientation
 - Hallucination
 - Stupor/Coma
- Jaundice
- Pruritus
- Renal damage/failure
- Hypo/Hyperthyroidism
- Varices of Esophagus, Stomach, Rectum
- Muscle Wasting

Causes of Hepatitis C infection

- Child Born to Hepatitis C Positive Mother
- Blood Transfusion
- Receiving Contaminated Blood Products
- Sexual Transmission
- Unsafe Injection
- Getting Pierced/Tattooed with Contaminated Instruments
- Inadequate Sterilization of Medical Equipment

Diagram illustrating the progression of HCV infection. It shows the virus entering the liver, causing inflammation and damage. Over time, this can lead to chronic hepatitis, liver fibrosis, and eventually cirrhosis and liver cancer. The diagram also highlights the role of metabolic complications in disease progression.

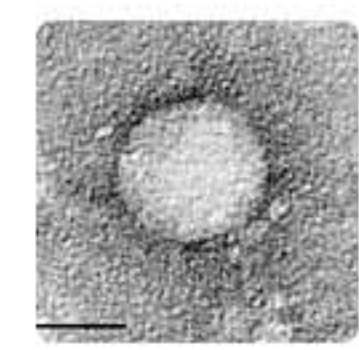
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PEOPLE ALSO ASK

- What are the complications of hepatitis C?
- What is spontaneous viral clearance of hepatitis C?
- What are the long term symptoms of hepatitis C?
- Can hepatitis C spread through contaminated blood?

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

Domain: Virus

Phylum: Kitrinoviricota

Kingdom: Orthornavirae

Data from: Wikipedia · Freebase

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