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Chronic hepatitis B-associated liver disease in the context of HIV co-infection and underlying metabolic syndrome

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Abstract

Globally, a shift in the epidemiology of chronic liver disease has been observed. This has been mainly driven by a marked decline in the prevalence of chronic hepatitis B virus infection (CHB), with the greatest burden restricted to the Western Pacific and sub-Saharan African regions. Amidst this is a growing burden of metabolic syndrome (MetS) worldwide. A disproportionate co-burden of human immunodeficiency virus (HIV) infection is also reported in sub-Saharan Africa, which poses a further risk of liver-related morbidity and mortality in the region. We reviewed the existing evidence-

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[HIV/hepatitis B virus co-infection: current challenges and ...](#)

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Nov 08, 2009 · Abstract. **Chronic hepatitis B virus (HBV) infection**, which affects 7%–10% of **HIV**-infected patients, is associated with an increased frequency of AIDS-related and non-AIDS-related clinical endpoints, such as end-stage **liver** diseases including cirrhosis and ...

Cited by: 66**Author:** K. Lacombe, J. Bottero, M. Lemoine, A. B...**Publish Year:** 2010

[HIV-Hepatitis B virus co-infection: epidemiology ...](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5661989>

Sep 24, 2017 · The effect of **HIV infection** and or **HIV** proteins in the **liver** has primarily been studied in the context of **HIV-HCV co-infection** in vitro but not in **HIV-HBV co-infection**. **HIV infection** alone, or in the presence of **HCV**, induced profibrotic processes in hepatocyte and HSC cell lines including increased chemokine production, HSC migration ...

Cited by: 57**Author:** Kasha P Singh, Megan Crane, Jennifer A...**Publish Year:** 2017

[HIV and Hepatitis B Virus Coinfection: Approach to ...](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3677863>

Jun 01, 2010 · **Chronic hepatitis B** is common among **HIV**-infected persons due to shared modes of transmission and because patients with **HIV** are more likely to develop **chronic disease following infection**. All patients with **HIV** should therefore be screened for the presence of **coinfection** with **HBV**.

Author: Rachel Chasan, Lindsey Reese, Daw...**Publish Year:** 2010

[SARS-CoV-2 and the Liver: Considerations in Hepatitis B ...](#)

<https://aasldpubs.onlinelibrary.wiley.com/doi/10.1002/cld.970>

May 21, 2020 · A meta-analysis, primarily involving reports from China, noted a 3% prevalence rate of



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HIV and the liver - ncbi.nlm.nih.gov

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6636825>

Viral **hepatitis** in patients with **HIV** is now easily treated, new ARTs with fewer direct hepatotoxic effects are started much earlier and patients live longer. Thus, the spectrum of **liver disease** in this population is evolving and **chronic liver diseases**, such as nonalcoholic fatty **liver disease** ...

Cited by: 4

Author: Naichaya Chamroonkul, Naichaya Chamro...

Publish Year: 2019

SARS-CoV-2 and the Liver: Considerations in Hepatitis B ...

<https://aasldpubs.onlinelibrary.wiley.com/doi/10.1002/cld.970>

May 21, 2020 · A meta-analysis, primarily involving reports from China, noted a 3% prevalence rate of **underlying chronic liver disease** in those with COVID-19, although it does not provide specific data on the prevalence of HBV and HCV infections. 7 HBV and HCV are **chronic** infections that are frequently encountered worldwide, and the former is particularly ...

Cited by: 3

Author: K. Rajender Reddy

Publish Year: 2020

Update on Prevention, Diagnosis, and Treatment and of ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/pmid/29405329>

No specific dietary measures have been shown to have any effect on the progression of CHB per se, but **metabolic syndrome and fatty liver** contribute to **liver-related** morbidity (54, 55). Ingestion of more than 7 drinks per week for women and more than 14 **drinks** per week for men are **associated** with increased **risk of cirrhosis and HCC** (56, 57).

Liver function and ageing in people with HIV infection ...

<https://hivmanagement.ashm.org.au/ageing-with-hiv...> ▼

Skin **disease**; Opportunistic infections of the nervous system (coming soon) Malignant and lymphoproliferative conditions complicating **HIV** infection (coming soon) Opportunistic infections and cancers of the mouth and oropharynx (coming soon) Other **HIV-Associated Disease**. Haematological disorders; Heart **disease**; Rheumatological **disease**

Non-invasive assessment of liver fibrosis in chronic ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4209524>

Oct 28, 2014 · INTRODUCTION. Hepatitis B virus (HBV) infection is a major global health problem with over 240 million people chronically infected worldwide[]. The spectrum of the **disease** and the history of **chronic** HBV infection are various and variable, ranging from inactive carrier state to progressive **chronic hepatitis B** (CHB), which can evolve to cirrhosis in up to 20% of the cases, with hepatic ...

Cited by: 26

Author: Federica Branchi, Clara Benedetta Conti, Al...

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May 21, 2020 · A meta-analysis, primarily involving reports from China, noted a 3% prevalence rate of **underlying chronic liver disease** in those with COVID-19, although it does not provide specific data on the prevalence of HBV and HCV infections. 7 HBV and HCV are **chronic** infections that are frequently encountered worldwide, and the former is particularly ...

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Author: K. Rajender Reddy

Publish Year: 2020

Hepatitis B and human immunodeficiency virus coinfection ...

<https://aasldpubs.onlinelibrary.wiley.com/doi/abs/10.1002/hep.22883>

Apr 27, 2009 · Zelalem Desalegn, Liya Wassie, Habtamu Bedimo Beyene, Adane Mihret, Yehenew A. Ebstie, **Hepatitis B** and **human immunodeficiency virus co-infection** among pregnant women in resource-limited high endemic setting, Addis Ababa, Ethiopia: implications for prevention and control measures, European Journal of Medical Research, 10.1186/s40001-016-0211-3 ...

Cited by: 327

Author: Chloe L. Thio

Publish Year: 2009

Human immunodeficiency virus and hepatotropic viruses co ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6350175>

Jan 28, 2019 · Core tip: In this review, we summarized the literature and our recent findings on **liver** damage associated with **co-infection** with **human immunodeficiency virus** (HIV) and hepatotropic viruses [**hepatitis C virus** (HCV), **hepatitis B virus** (HBV)]. The combination of HIV with HCV or HBV causes progressive **liver** injury and **chronic liver** inflammation ultimately leading to end-stage **liver disease**...

Cited by: 8

Author: Murali Ganesan, Larisa Y Poluektova, Ku...

Publish Year: 2019

See results for

Hepatitis B (Medical Condition)

A serious infection of the liver caused by hepatitis B virus (HBV).