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A review of liver injury, inflammation and fibrosis in chronic liv



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Hepatic inflammation and progressive liver fibrosis in ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3949261>

Mar 14, 2014 · In PBC as in **chronic hepatitis C** and autoimmune **hepatitis**, hepatic **inflammation** is a driver of hepatic **fibrosis**. Ursodeoxycholic acid has cytoprotective, bile stimulatory, and anti-apoptotic properties in **chronic** cholestatic **liver disease**, and its anti-inflammatory or anti-fibrotic effects are consequences of these three basic properties[124 ...

Cited by: 195

Author: Albert J Czaja

Publish Year: 2014

Hepatic Inflammation and Fibrosis ... - PubMed Central (PMC)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4306641>

Fibrosis is a highly conserved response to hepatic **injury**, occurring in virtually all types of **diseases** with hepatocellular death. Accordingly, development of **liver fibrosis** is observed in patients with **chronic** viral **hepatitis**, non-alcoholic **fatty liver disease** (NAFLD), alcoholic **liver disease**, **cholestatic** and autoimmune **liver disease**.

Cited by: 258

Author: Ekihiro Seki, Robert F. Schwabe

Publish Year: 2015

Role of the Gut–Liver Axis in Liver Inflammation, Fibrosis ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6442695>

Mar 01, 2019 · Following **chronic liver injury** or culture ... NASH-associated **liver** cancer in many cases also results from a state of **chronic inflammation**, hepatic **fibrosis**, and cirrhosis. ... Huber Y, Kalliga E, Nagel M, Ruckes C, Straub BK, et al. Predictors of advanced **fibrosis** in non-cirrhotic **non-alcoholic fatty liver disease** in Germany. Aliment ...

Role of liver sinusoidal endothelial cells in non ...

<https://www.sciencedirect.com/science/article/pii/S0168827819301278>

Introduction. Non-alcoholic **fatty liver disease** (NAFLD) encompasses a spectrum of conditions including

Name of Journal: *World Journal of Gastroenterology*

Manuscript NO: 51670

Manuscript Type: REVIEW

Inflammation and fibrosis in chronic liver diseases including non-alcoholic fatty liver disease and hepatitis C

Tanwar S *et al.* Pathophysiology of CLD in NAFLD and CHC

Sudeep Tanwar, Freya Rhodes, Ankur Srivastava, Paul M Trembling, William M Rosenberg

Abstract

At present chronic liver disease (CLD), the third commonest cause of premature death in the United Kingdom is detected late, when interventions are ineffective, resulting in considerable morbidity and mortality. Injury to the liver, the largest solid organ in the body, leads to a cascade of inflammatory events. Chronic inflammation leads to the activation of hepatic stellate cells that undergo trans-differentiation to become

Match Overview

1	Internet 114 words crawled on 11-Nov-2012 www.ncbi.nlm.nih.gov	1%
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Non-alcoholic fatty liver disease - Wikipedia

https://en.wikipedia.org/wiki/Simple_fatty_liver ▾

Non-alcoholic fatty liver disease (NAFLD) is excessive fat build-up in the **liver** with insulin resistance due to causes other than alcohol use. There are two types; **non-alcoholic fatty liver** (NAFL) and **non-alcoholic steatohepatitis** (NASH), with the latter also **including liver inflammation**. **Non-alcoholic fatty liver** usually does not progress to **liver** damage or NASH.

Complications: Cirrhosis, liver cancer, liver failu... **Specialty:** Hepatology

Symptoms: Asymptomatic, liver dysfunction **Other names:** NAFLD

Definition · Signs and symptoms · Risk factors · Pathophysiology · Diagnosis

Nonalcoholic fatty liver disease - Diagnosis and treatment ...

<https://www.mayoclinic.org/diseases-conditions/nonalcoholic-fatty-liver-disease/...> ▾

< **Diagnosis** Treatment Clinical Trials Lifestyle and Home Remedies >

Because NAFLD causes no symptoms in most cases, it frequently comes to medical attention when tests done for other reasons point to a liver problem. This can happen if your liver looks unusual on ultrasound or if you have an abnormal liver enzyme test. Tests done to pinpoint the diagnosis and determine disease severity include:

[See more on mayoclinic.org](#)

Chronic liver inflammation ... - PubMed Central (PMC)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3942821>

Mar 07, 2014 · **Chronic alcohol exposure** can lead to **alcoholic liver disease**, including **hepatitis**, **cirrhosis** and **hepatocellular carcinoma**, and **chronic inflammation** can simultaneously **cause systemic medical illness**.

Cited by: 28

Author: Byoung Jin Park, Yongjae Lee, Hye Ree Lee

Publish Year: 2014

Liver Fibrosis - Viral Hepatitis and Liver Disease

<https://www.hepatitis.va.gov/hcv/liver-fibrosis.asp> ▾

Fibrosis testing is relevant for the clinical care of patients with **chronic liver disease**, including **hepatitis B**, **hepatitis C** (HCV), **non-alcoholic fatty liver disease** (NAFLD), co-infections, primary biliary cirrhosis, primary sclerosing cholangitis, and other **chronic metabolic diseases** of the **liver**.

Non-alcoholic fatty liver disease - ScienceDirect

Non-Alcoholic Fatty Liver Disease

Medical Condition

 Image for Condition

A condition in which fat accumulates in the liver in people who drink little or no alcohol.

 Very common (More than 3 million cases per year in US)

 Requires lab test or imaging

 Treatments can help manage condition, no known cure

 Can last several years or be lifelong

The cause of non-alcoholic fatty liver disease is not clearly understood. It is associated with obesity, insulin resistance, hyperglycemia, and high levels of fat in blood. The condition does not usually cause symptoms. In some cases, fatigue, enlarged liver, and pain in the upper right abdomen is seen. Non-alcoholic fatty liver disease has no specific treatment. It involves treating underlying conditions such as obesity.

Symptoms

Usually asymptomatic. Symptoms may include:

- Fatigue
- Enlarged liver
- Pain the upper right abdomen
- Ascites (swelling in the belly)
- Jaundice



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Non-alcoholic fatty liver disease: An expanded review

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5468341>

Jun 08, 2017 · Non-alcoholic fatty liver disease (NAFLD) encompasses the simple **steatosis** to more progressive **steatosis with associated hepatitis**, **fibrosis**, **cirrhosis**, and in some cases **hepatocellular carcinoma**.

Cited by: 150

Author: Mark Benedict, Xuchen Zhang

Publish Year: 2017

Liver fibrosis in non-alcoholic fatty liver disease ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4607906>

Oct 21, 2015 · Core tip: **Non-alcoholic fatty liver disease (NAFLD)** has a prevalence of 20% in the Western world. A subgroup of **NAFLD patients** develops **inflammation and fibrosis** or **cirrhosis**. This condition, named **non-alcoholic steatohepatitis**, is associated with increased mortality in **liver-related** and **cardiovascular diseases**.

Cited by: 34

Author: Per Stål

Publish Year: 2015

Chronic liver inflammation ... - PubMed Central (PMC)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3942821>

Mar 07, 2014 · Chronic alcohol exposure can lead to **alcoholic liver disease**, including **hepatitis**, **cirrhosis** and **hepatocellular carcinoma**, and **chronic inflammation** can simultaneously **cause systemic medical illness**.

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Publish Year: 2014

Nonalcoholic fatty liver disease - Diagnosis and treatment ...

<https://www.mayoclinic.org/diseases-conditions/nonalcoholic-fatty-liver-disease/...> ▾

Diagnosis

Treatment

Clinical Trials

Lifestyle and Home Remedies



Because NAFLD causes no symptoms in most cases, it frequently comes to medical attention when tests done for other reasons point to a liver problem. This can happen if your liver looks unusual on ultrasound or if you have an abnormal liver enzyme test. Tests done to pinpoint the diagnosis and determine disease severity include: