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Name of Journal: *World Journal of Gastroenterology*

Manuscript NO: 60096

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Clinical indicators for progression of nonalcoholic steatohepatitis to cirrhosis

Seen TK *et al.* NASH management and diagnosis

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The four stages of Non-Alcoholic Fatty Liver Disease (NAFLD)

<https://www.liverhealthuk.com/post/the-four-stages-of-naflD> ▾

Oct 09, 2017 · The fourth **stage of NAFLD** is **cirrhosis**; At this **stage**, the **liver stops** working properly, and symptoms start to appear, such as yellowing of the skin and whites of the eyes and a dull ache in the...

Diagnosis of Non-alcoholic Fatty Liver Disease (NAFLD ...

<https://pubmed.ncbi.nlm.nih.gov/30652642>

Nonalcoholic fatty liver disease (NAFLD) ranges from simple hepatic steatosis to **non-alcoholic steatohepatitis** (NASH) and **cirrhosis**. The majority of NAFLD patients do not **progress** to NASH and thei...

Cited by: 6

Author: Margarita Papatheodoridi, Evangelos Chol...

Publish Year: 2019

Nonalcoholic Steatohepatitis (Nash) Clinical Trials - Mayo ...

<https://www.mayo.edu/research/clinical-trials/...> ▾

This study will evaluate whether simtuzumab (formerly referred to as GS-6624) is effective at preventing the histologic **progression** of liver fibrosis and the **clinical progression to cirrhosis** in participants with...

PEOPLE ALSO ASK

What are the complications of cirrhosis? ▾

What are the symptoms of non-alcoholic steatohepatitis? ▾

What are the side effects of cirrhosis? ▾

Feedback

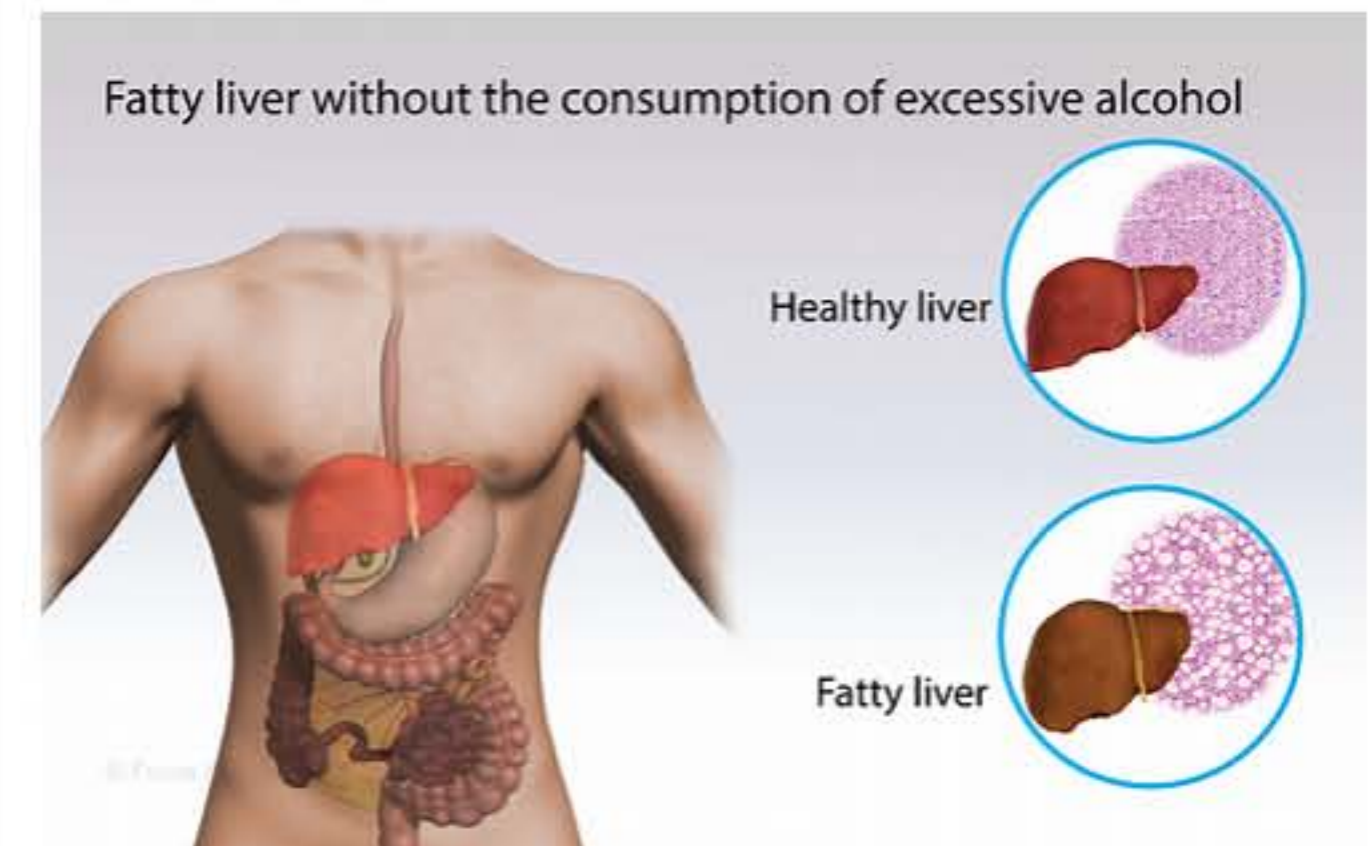
[PDF] Non-alcoholic fatty liver disease (NAFLD) in non-obese ...

<https://www.nashclinical.com/uploads/2/2/2/7/...>

non-obese) can also have **non-alcoholic steatohepatitis** (NASH) and may **progress** to end-stage liver

Non-Alcoholic Fatty Liver Disease

Medical 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.



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Biochemical and molecular-genetic indicators of ...

<https://pubmed.ncbi.nlm.nih.gov/31094472>

Conclusion: In **nonalcoholic cirrhosis** as an outcome of the **progression of non-alcoholic steatohepatitis changes** in **clinical parameters** (indicating the development of hepatocellular deficiency, violation of protein and lipid metabolism, progressive inflammation) are accompanied by specific changes in levels of biochemical and molecular-genetic **indicators** of apoptosis and inflammation. With the **progression** ...

Cited by: 2

Author: I V Kurbatova, L V Topchieva, O P Dud...

Publish Year: 2019

Clinical features and outcomes of cirrhosis due to non ...

<https://pubmed.ncbi.nlm.nih.gov/19032450>

Background and aim: Ethnic differences in non-alcoholic **steatohepatitis** (NASH) are well-documented, but there has been no study on the prognosis of Japanese NASH patients with cirrhosis. Accordingly, we compared cirrhotic NASH with liver cirrhosis caused by chronic hepatitis C (LC-C) to clarify its **clinical** features and define the risk factors for death.

Cited by: 311

Author: Satoru Yatsuji, Etsuko Hashimoto, Maki ...

Publish Year: 2009

PEOPLE ALSO ASK

What are the histologic features of nonalcoholic steatohepatitis? ▾

What is non alcoholic steatohepatitis? ▾

When does steatohepatitis become the leading cause of cirrhosis? ▾

Where can I get nonalcoholic steatohepatitis with compensated cirrhosis? ▾

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Some individuals with NAFLD can develop nonalcoholic steatohepatitis (NASH), an aggressive form of fatty liver disease, which is marked by liver inflammation and may progress to advanced scarring (cirrhosis) and **liver failure**. This damage is similar to the damage caused by heavy alcohol use.

[Nonalcoholic fatty liver disease - Symptoms and causes ...](#)
www.mayoclinic.org/diseases-conditions/nonalcoholic-fatty-liver-disease/symp...

Was this helpful? 👍 👎

PEOPLE ALSO ASK

- What are the symptoms of nonalcoholic steatohepatitis and cirrhosis? ▾
- What is non alcoholic steatohepatitis? ▾
- Is there FDA guidance for nonalcoholic steatohepatitis with liver fibrosis? ▾
- Can Nash cause cirrhosis? ▾

Feedback

[Clinical features and outcomes of cirrhosis due to non ...](#)

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Publish Year: 2009

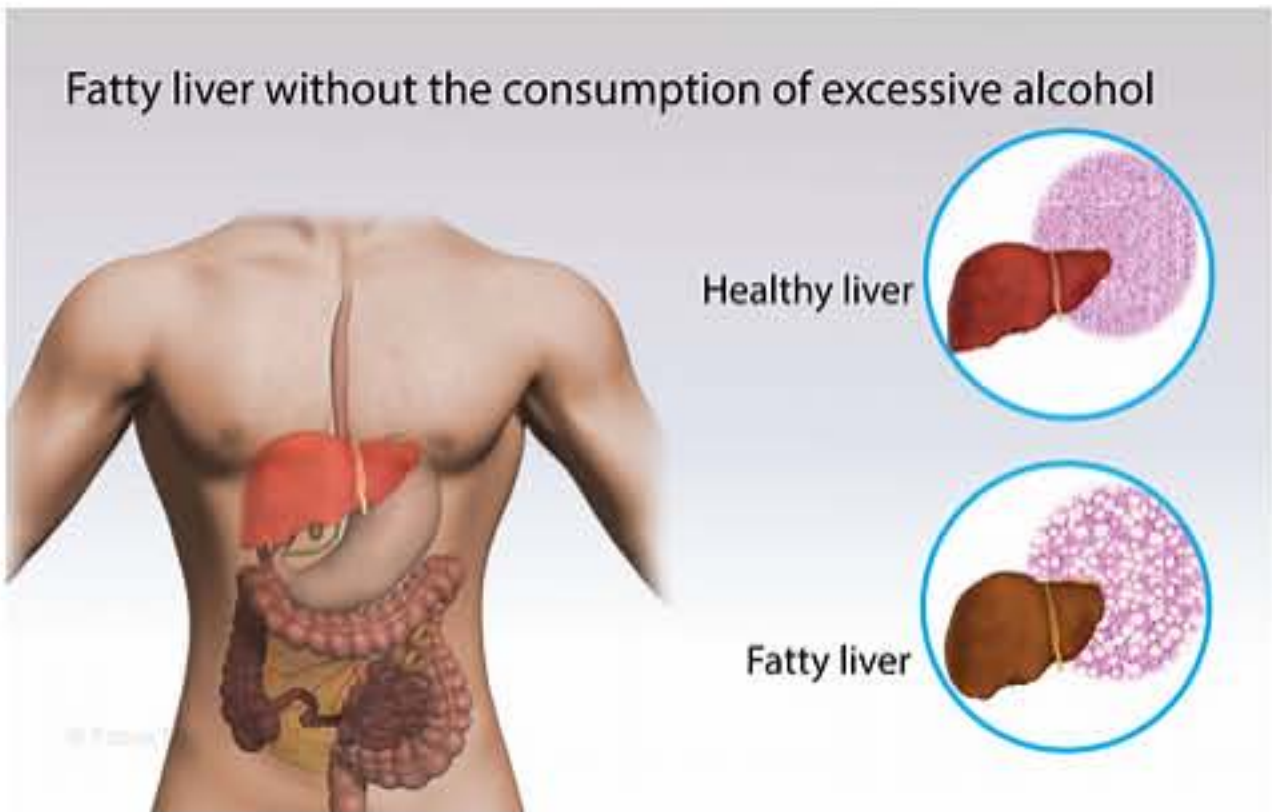
[PDF] [Nonalcoholic Steatohepatitis \(NASH\)](#)

<https://www.niddk.nih.gov/-/media/00F92108F7104341B3F03ABFA132C5A8.ashx>

Nonalcoholic **steatohepatitis** or NASH is a common, often "silent" liver disease. It resembles alcoholic liver disease, but occurs in people who drink little or no alcohol. The major feature in NASH is fat in the liver, along with inflammation and damage. Most people with NASH feel well and are not aware that they

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Symptoms

Usually asymptomatic. Symptoms may include:

- Fatigue
- Enlarged liver