



Match Overview



1	Crossref 109 words Muhammad Siyab Panhwar, Emad Mansoor, Sadeer G Al-Kindi, Preetika Sinh et al. "Risk of Myocardial Infarction ..."	3%
2	Crossref 75 words Omar A. Alaber, Apoorva K. Chandar, Seth N. Sclair, Ama n Rajpal. "235 LARGE EFFECTS OF SGLT2 INHIBITORS/	2%
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8	Crossref 24 words Maria Stepanova, Zobair M. Younossi. "Independent Association Between Nonalcoholic Fatty Liver Disease and ..."	1%

5
Name of Journal: *World Journal of Hepatology*
Manuscript NO: 54031
Manuscript Type: ORIGINAL ARTICLE

Observational Study

Non-alcoholic steatohepatitis and the risk of myocardial infarction: A population-based national study

Ghoneim S *et al.* NASH and MI risk

Sara Ghoneim, Aneesh Dhorepatil, Aun Raza Shah, Ganesh Ram, Subhan Ahmad, Chang Kim, Imad Asaad

Abstract

BACKGROUND

Non-alcoholic fatty liver disease (NAFLD) is a systemic disease with bidirectional relationships with cardiovascular disease (CVD). Non-alcoholic steatohepatitis (NASH) is a more severe subtype of NAFLD. Patients with NASH exhibit more intra and extrahepatic inflammation, procoagulant imbalances and proatherogenic lipid profiles. Whether NASH increases the risk of ischemic heart disease is currently unclear.

AIM

To investigate the relationship between acute myocardial infarction (MI) and NASH in a



Non-alcoholic steatohepatitis and the risk of myocardial inf



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Non-alcoholic fatty liver disease and risk of incident ...

<https://www.ncbi.nlm.nih.gov/pubmed/31594780>

Oct 08, 2019 · **Non-alcoholic fatty liver disease and risk of incident acute myocardial infarction and stroke**: findings from matched cohort study of 18 million European adults.

Cited by: 7

Author: Myriam Alexander, A Katrina Loomis, J...

Publish Year: 2019

Non-alcoholic fatty liver disease and risk of incident ...

<https://www.bmj.com/content/367/bmj.l5367> ▼

Oct 08, 2019 · In this real world primary care record study of 205 046 cardiovascular events in 120 795 adults and 9 647 644 matched controls we found that a recorded diagnosis of **non-alcoholic fatty liver disease (NAFLD)** or **non-alcoholic steatohepatitis (NASH)** is more weakly associated with any excess risk of **acute myocardial infarction (AMI)** and **stroke** beyond known associated **risk** ...

Cited by: 7

Author: Myriam Alexander, A Katrina Loomis, J...

Publish Year: 2019

Nonalcoholic Fatty Liver Disease Isn't a Risk Factor for ...

<https://www.jwatch.org/na50129/2019/10/29/nonalcoholic-fatty-liver-disease-isnt-risk...> ▼

Oct 29, 2019 · In this study, having **NAFLD** or **NASH** was not an independent **risk factor** for **myocardial infarction** or stroke. As noted by the authors, a diagnosis of **NAFLD** or **NASH** warrants assessment for **stage of liver disease** and treatment as appropriate; however, **cardiovascular risk** assessment should be carried out in the same way as for the general population.

Author: Paul S. Mueller, Facp

Publish Year: 2019



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<https://www.ncbi.nlm.nih.gov/pubmed/31594780>

Oct 08, 2019 · Non-alcoholic fatty liver disease and risk of incident acute myocardial infarction and stroke: findings from matched cohort study of 18 million European adults. **Alexander M(1), Loomis AK(2), van der Lei J(3), Duarte-Salles T(4), Prieto-Alhambra D(5), Ansell D(6)(7), Pasqua A(8), Lapi F(8), Rijnbeek P(3), Mosseveld M(3), Avillach P(3)(9), Egger P(1), Dhalwani NN(10), Kendrick ...**

Cited by: 7**Author:** Myriam Alexander, A Katrina Loomis, J...**Publish Year:** 2019

[Non-alcoholic fatty liver disease and risk of ... - The BMJ](#)

<https://www.bmj.com/content/367/bmj.l5367> ▾

Oct 08, 2019 · Objective To **estimate the risk of acute myocardial infarction (AMI) or stroke in adults with non-alcoholic fatty liver disease (NAFLD) or non-alcoholic steatohepatitis (NASH)**. Design Matched cohort study.

Cited by: 7**Author:** Myriam Alexander, A Katrina Loomis, J...**Publish Year:** 2019

[Non-alcoholic fatty liver disease and cardiovascular ...](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6946734>

Nov 11, 2019 · Non-alcoholic fatty liver disease (NAFLD) is a frequently encountered phenomenon in type 2 diabetes. It is a histological spectrum consisting of hepatic fat accumulation ('simple steatosis'), non-alcoholic **steatohepatitis** (NASH), fibrosis and cirrhosis, occurring in the absence of excessive alcohol intake.

Author: Martijn C. G. J. Brouwers, Martijn C... **Publish Year:** 2020

[\[PDF\] Non-alcoholic fatty liver disease and risk of incident ...](#)

<https://www.bmj.com/content/bmj/367/bmj.l5367.full.pdf>

Non-alcoholic fatty liver disease (NAFLD) is associated with **metabolic syndrome** and other **risk factors** for **acute myocardial infarction (AMI) or stroke** NAFLD is associated with



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<https://www.ncbi.nlm.nih.gov/pubmed/31594780>

Oct 08, 2019 · Non-alcoholic fatty liver disease and risk of incident acute myocardial infarction and stroke: findings from matched cohort study of 18 million European adults. **Alexander M**(1), **Loomis AK**(2), **van der Lei J**(3), **Duarte-Salles T**(4), **Prieto-Alhambra D**(5), **Ansell D**(6)(7), **Pasqua A**(8), **Lapi F**(8), **Rijnbeek P**(3), **Mosseveld M**(3), **Avillach P**(3)(9), **Egger P**(1), **Dhalwani NN**(10), **Kendrick S**(11), **Celis ...**

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Author: Myriam Alexander, A Katrina Loomis, Joh...

Publish Year: 2019

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<https://www.bmj.com/content/bmj/367/bmj.l5367.full.pdf>

Non-alcoholic fatty liver disease (NAFLD) is associated with **metabolic syndrome** and other **risk factors for acute myocardial infarction (AMI) or stroke** NAFLD is associated with increased **risk of AMI and stroke** and cardiovascular surrogate markers The association between NAFLD and AMI and stroke after adjustment for

Cited by: 7

Author: Myriam Alexander, A Katrina Loomis, Joh...

Publish Year: 2019

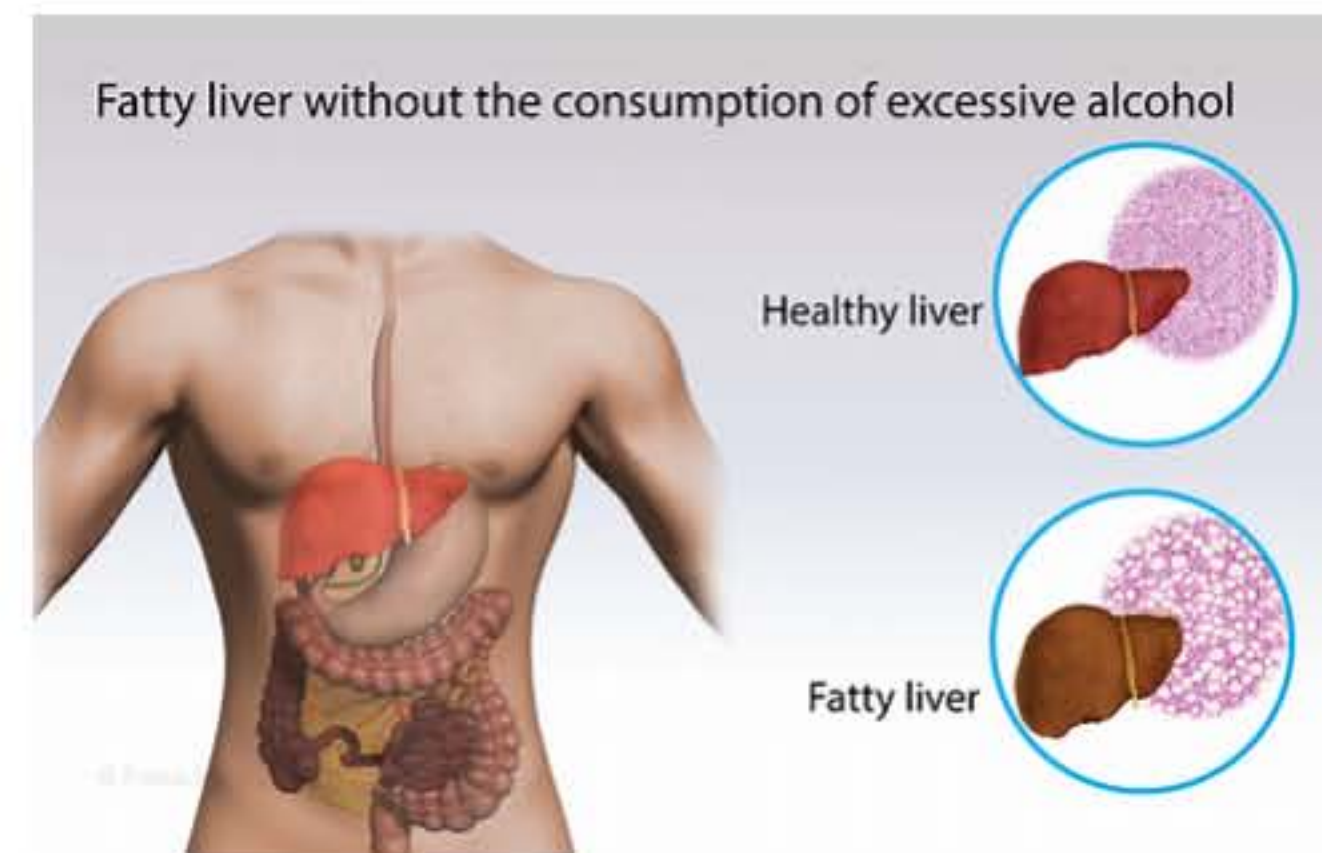
[Nonalcoholic Fatty Liver Disease Isn't a Risk Factor for ...](#)

<https://www.jwatch.org/na50129/2019/10/29/...>

Oct 29, 2019 · Are nonalcoholic fatty liver disease (NAFLD) and nonalcoholic **steatohepatitis (NASH)** associated independently with cardiovascular disease? In this matched cohort **study**, researchers used **population-based** databases from four European countries to determine **risk for myocardial infarction**

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.

Symptoms