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Name of Journal: *World Journal of Gastrointestinal Pathophysiology*

Manuscript NO: 61171

Manuscript Type: ORIGINAL ARTICLE

Retrospective Study

Association of Non-Alcoholic Fatty Liver Disease with Gallstone Disease in the U.S.

Hospitalized Patient Population

Non-Alcoholic Fatty Liver Disease and Gallstone Disease

Abstract

BACKGROUND

Gallstones and cholecystectomy have been proposed as risk factors for non-alcoholic fatty liver disease. The reason for this may be that both gallstones, as well as non-alcoholic fatty liver disease share several risk factors with regards to their development. Currently, there is a lack of sufficient evidence showing an association between these clinical conditions

Match Overview

1	Crossref 89 words Shakeel M Jamal, Asim Kichloo, Michael Albosta, Beth Bailey et al. "In-hospital outcomes and prevalence of comorbidities in patients with acute pancreatitis", <i>World Journal of Gastroenterology</i> , 2018	2%
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Association of Non-Alcoholic Fatty Liver Disease with Gallstone Dis



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May 01, 2017 · We found **association** of metabolic syndrome with **gallstones** and **NAFLD**. **Non alcoholic fatty liver** was highly prevalent in our study subjects. Huge percentage of first degree relatives of **gall stone patients** had **gallstones** and this relation was more pronounced **patients** who ...

Cited by: 5

Author: Farah Ahmed, Qamaruddin Baloch, Zahid A...

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Bidirectional Association between Nonalcoholic Fatty Liver ...

<https://www.researchgate.net/publication/329132477...>

Bidirectional **Association** between Nonalcoholic **Fatty Liver Disease** and **Gallstone Disease**: A Cohort Study Article (PDF Available) in Journal of Clinical Medicine 7(11):458 · November 2018 with 46 ...

Gallstone Disease Is Associated with More Severe Liver ...

<https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0041183> ▾

Jul 25, 2012 · Background Nonalcoholic **fatty liver disease** (NAFLD) and **gallstone disease** (GD) are both highly prevalent in the general **population** and associated with obesity and insulin resistance. We aimed to evaluate the prevalence of GD in a cross sectional study of NAFLD patients and to define whether the presence of GD is associated with diabetes and predicts more severe **liver disease**.

Cited by: 58

Author: Anna Ludovica Fracanzani, Luca Valenti, M...

Publish Year: 2012

Gallstone disease is associated with more severe liver ...

<https://www.ncbi.nlm.nih.gov/pubmed/22848440>

BACKGROUND: Nonalcoholic **fatty liver disease** (NAFLD) and **gallstone disease** (GD) are both highly

34,100 Results Any time

Association of non-alcoholic fatty liver disease with ...

<https://www.sciencedirect.com/science/article/pii/S2352047716300259>

Jan 01, 2016 · 1. Introduction. Non-alcoholic **fatty liver disease** (NAFLD) has been recognized as a **liver** manifestation of the metabolic syndrome .The prevalence of NAFLD from **United States**, Europe and Asi...

Cited by: 11 **Author:** In Chul Nam, Jung Hee Yoon, Seung Ha Par...

Publish Year: 2016

Association of Non-alcoholic Fatty Liver Disease with ...

<https://journals.plos.org/plosmedicine/article?id=10.1371/journal.pmed.1001680>

Jul 22, 2014 · Chalasani N, Younossi Z, Lavine JE, Diehl AM, Brunt EM, Cusi K, et al. (2012) The diagnosis and management of non-alcoholic **fatty liver disease**: practice Guideline by the American **Association** fo...

Cited by: 385 **Author:** Giovanni Musso, Roberto Gambino, James ...

Publish Year: 2014

PEOPLE ALSO ASK

- What is non-alcoholic fatty liver? ▼
- Is fatty liver disease associated with increased risk of death? ▼
- Is vegetable protein associated with nafld? ▼
- Is nafld common? ▼

Feedback

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May 01, 2017 · Objective. Recognition of Non alcoholic **fatty liver disease** (NAFLD) and metabolic syndrome in patients **with gallstones** undergoing laparoscopic or open cholecystectomy, along with it w...

Cited by: 5 **Author:** Farah Ahmed, Qamaruddin Baloch, Zahid A...

Publish Year: 2017

Nonalcoholic fatty liver was associated with asymtomatic

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

Usually asymptomatic. Symptoms may include:

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

If it progresses to cirrhosis, the following symptoms are seen:

- Enlarged breasts in men
- Red palms
- Internal bleeding
- Fluid retention

Treatments

Non-alcoholic fatty liver disease has no specific treatment. Treat the underlying conditions and make lifestyle changes.