

Name of Journal: *World Journal of Clinical Cases*

Manuscript NO: 65449

Manuscript Type: REVIEW

Nonalcoholic Fatty Pancreas Disease: An Emerging Clinical Challenge

Emerging Clinical Challenge of NAFPD

Abstract

Non-alcoholic fatty pancreatic disease (NAFPD) is an emerging disease that has gained an increasing amount of attention in recent years. It describes fat accumulation in the pancreas with insignificant alcohol consumption, but the pathogenesis is largely unknown. A wide range of terms have been used to describe the phenomenon of pancreatic fat accumulation, but NAFPD remains an under-recognized and nonindependent disorder. Obesity, age, sex, race and unhealthy lifestyle are established independent risk factors for NAFPD, which is strongly associated with metabolic syndrome (MetS), type 2 diabetes, pancreatitis, pancreatic fistula, pancreatic cancer, and

Match Overview

1	Crossref 156 words Resham Ramkissoon, Timothy B. Gardner. "Pancreatic Steatosis: An Emerging Clinical Entity", <i>American Journal of Gastroenterology</i> , 2019	3%
2	Crossref 49 words Nihar Shah, Jason P. Rocha, Neal Bhutiani, Endashaw Omer. "Nonalcoholic Fatty Pancreas Disease", <i>Nutrition in Clinical Practice</i> , 2019	1%
3	Crossref 27 words Valeria Guglielmi, Paolo Sbraccia. "Type 2 diabetes: Does pancreatic fat really matter?", <i>Diabetes/Metabolism Research and Clinical Practice</i> , 2019	1%
4	Internet 17 words crawled on 17-Oct-2020 trialsjournal.biomedcentral.com	<1%
5	Crossref 16 words Resham Ramkissoon, Timothy B. Gardner. "Pancreatic Steatosis", <i>The American Journal of Gastroenterology</i> , 2019	<1%
6	Crossref 16 words Resham Ramkissoon, Timothy B. Gardner. "Pancreatic steatosis", <i>Current Opinion in Gastroenterology</i> , 2019	<1%
7	Internet 16 words crawled on 10-May-2021 rep.bioscientifica.com	<1%
8	Internet 14 words crawled on 14-Nov-2020 www.tehrantimes.com	<1%
9	Internet 12 words crawled on 14-Nov-2020 www.tehrantimes.com	<1%

ALL IMAGES VIDEOS

359,000 Results Any time

Non-alcoholic fatty pancreas disease | Postgraduate ...

<https://pmj.bmj.com/content/93/1098/226>

Apr 01, 2017 · Termed non-alcoholic fatty pancreas **disease (NAFPD)**, it is becoming evident that it has important associations with other diseases of obesity. It appears to arise as obesity progresses and after an initial phase of pancreatic hypertrophy and hyperplasia, fatty infiltration becomes apparent.

Cited by: 16 **Author:** Tamara Alempijevic, Sanja Dragasevic, Sim...

Publish Year: 2017 **Estimated Reading Time:** 12 mins

Pancreatic Steatosis: An Emerging Clinical Entity

<https://pubmed.ncbi.nlm.nih.gov/31185002>

Although the natural history is not well known, there are strong associations with obesity, metabolic syndrome, type 2 diabetes mellitus, and **nonalcoholic fatty** liver disease. Ectopic fat accumulation of the pancreas can cause chronic, low-grade inflammation from adipocytokine imbalances that involve beta cells and acinar cells.

Cited by: 4 **Author:** Resham Ramkissoon, Timothy B Gardner

Publish Year: 2019

PEOPLE ALSO ASK

What is non alcoholic fatty pancreas disease? ∨

Can fat replacement cause pancreatic steatosis? ∨

Is alcohol abuse associated with pancreatitis? ∨

353,000 Results Any time

Pancreatic Steatosis: An Emerging Clinical Entity

<https://pubmed.ncbi.nlm.nih.gov/31185002>

Although the natural history is not well known, there are strong associations with obesity, metabolic syndrome, type 2 diabetes mellitus, and **nonalcoholic fatty** liver disease. Ectopic fat accumulation of the...

Cited by: 4 Author: Resham Ramkissoon, Timothy B Gardner
Publish Year: 2019

Non-alcoholic Fatty Pancreas Disease Pathogenesis: A Role ...

<https://www.ncbi.nlm.nih.gov/pubmed/24657938>

Mar 21, 2014 · Objectives: **Emerging** evidence suggests that maternal obesity (MO) predisposes offspring to obesity and the recently described **non-alcoholic fatty pancreas disease (NAFPD)** but involved...

Cited by: 26 Author: Rebeca Carter, Angelina Mouralidarane, Ju...
Publish Year: 2014

People also ask

- What is non alcoholic fatty pancreas disease?
- Can fat replacement cause pancreatic steatosis?
- What is fatty infiltration in the pancreas?
- How does high FFA affect pancreas?

Feedback

Non-Alcoholic Fatty Pancreas Disease, Pancreatic Cancer ...

<https://www.emjreviews.com/gastroenterology/...>

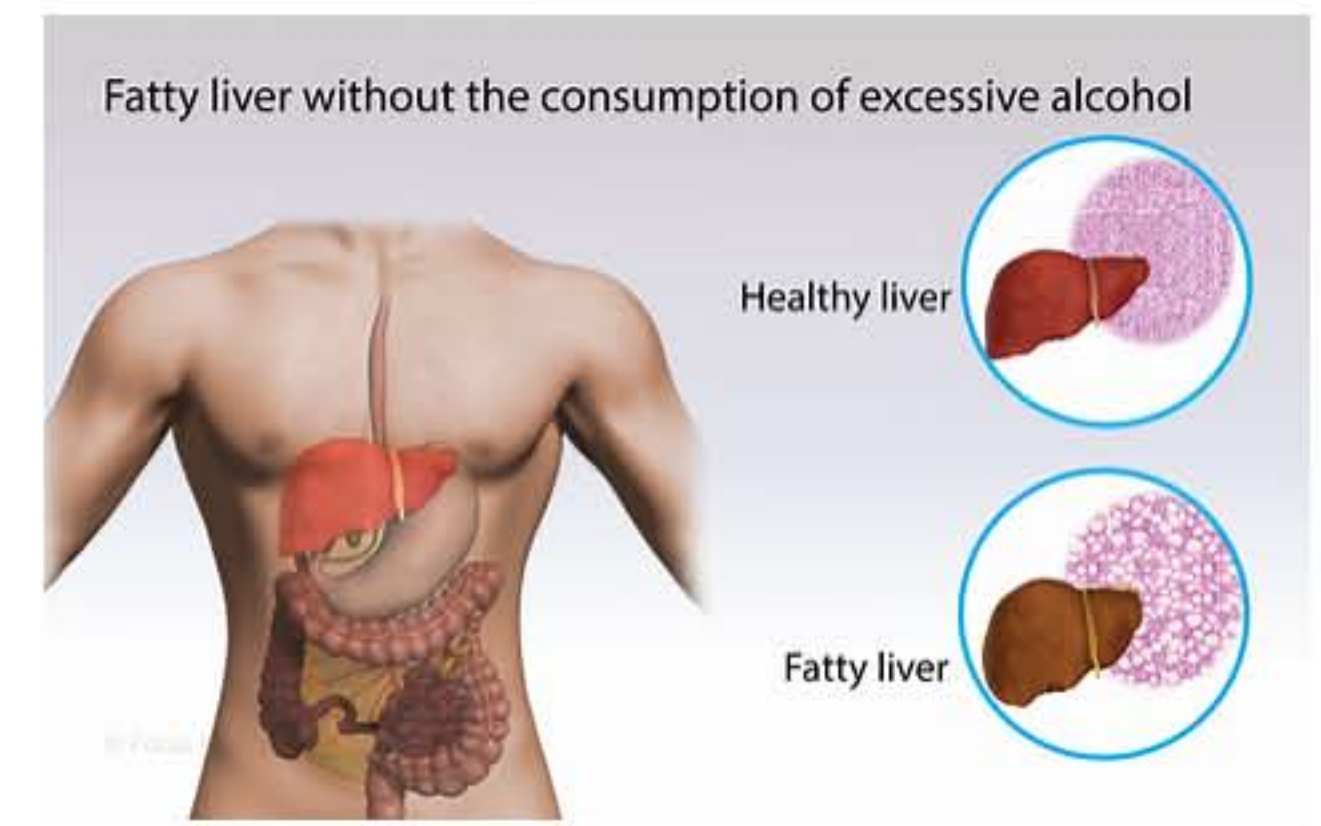
Introduction Non-Alcoholic Fatty Pancreas Di... Pancreatic Cancer, Risk Factors, ...



Non-alcoholic fatty pancreas disease (NAFPD) is a new clinical **entity where there is evidence of excessive pancreatic fat accumulation in patients without any significant alcohol consumption.**1,2 The impact of this condition is still largely unknown even though it has been postulated that fatty pancreas may lead to chronic pancreatitis and is a

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

It is usually asymptomatic. Symptoms may include:

- Fatigue