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Retrospective Study

Towards an evaluation of alcoholic liver cirrhosis and nonalcoholic fatty liver disease patients with hematological scales

Hematological scales in alcoholic liver cirrhosis and nonalcoholic fatty liver disease

Abstract

BACKGROUND

Seeking potentially novel blood markers of liver fibrosis and steatosis is constantly of crucial importance. Despite a growing number of studies in this field of hepatology, a certain role of hematological indices in the course of liver disorders has not been fully elucidated, yet.

Match Overview

1	Crossref 17 words Ana Rejec, Janos Butinar, Jerzy Gawor, Milan Petelin. "Evaluation of Complete Blood Count Indices (NLR, PLR, MPV/PLT,	<1%
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Can Alcoholic Liver Disease and Nonalcoholic Fatty Liver ...

<https://www.ncbi.nlm.nih.gov/pubmed/28663676>

BACKGROUND: **Nonalcoholic fatty liver disease** (NAFLD) by definition would require exclusion of significant **alcohol** intake. Present study was aimed to assess the prevalence of various components of metabolic syndrome (MS) in **patients** with **alcoholic cirrhosis** (AC) and to study the affect of its presence on the severity of **liver disease**, testing ...

Cited by: 7

Author: Manu Mehta, Sandeep Satsangi, Ajay D...

Publish Year: 2016

[PDF] Confounding factors of non-invasive tests for nonalcoholic ...

<https://link.springer.com/content/pdf/10.1007/s00535-020-01686-8.pdf>

purposes. In real life, many patients have **fatty liver** due to both metabolic factors and **alcohol**, and such patients often Table 1 Simple scores **of hepatic steatosis** and potential **confounding factors**
Score Components Test performance Potential **confounding factors** **Fatty liver index BMI**, waist circumference, triglycerides, GGT AUROC 0.84, Sn 87%, Sp 64%

Author: Janae Wentong Wai, Charmaine Fu, ...

Publish Year: 2020

Effects of Cirrhosis and Diagnosis Scenario in Metabolic ...

<https://aasldpubs.onlinelibrary.wiley.com/doi/full/10.1002/hep4.1606>

We conducted a multicenter retrospective cohort study of metabolic dysfunction-associated hepatocellular carcinoma. In this cohort, **cirrhosis** was not ...

Diagnostic Modalities for Nonalcoholic Fatty Liver Disease ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/pmid/29222917>

Therefore, the characteristic histopathological features that are investigated when diagnosing alcoholic or non-alcoholic fatty liver disease include: (1) fat: **hepatocellular triglyceride accumulation**; (2) **hepatocellular injury** in the centrilobular location that is most severe in the acinar zone; (3) **cytoskeletal damage** shown as hepatocellular ballooning with or without Mallory-Denk bodies; (4) **parenchymal inflammation** ...

Towards an evaluation of alcoholic liver cirrhosis and nonalcoholic



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Clinical presentation of alcoholic liver disease and non ...

tgh.amegroups.com/article/view/5544/html ▼

Abstract: **Alcoholic liver disease** (ALD) and **non-alcoholic fatty liver disease** (NAFLD) are commonest causes of chronic **liver disease** in developing as well as developed countries. Their incidence has increased due to widespread easy availability of **alcohol** and sedentary life style of people. NAFLD is a spectrum which includes **fatty liver** (NAFL) which is considered benign **disease**, steatohepatitis ...

Cited by: 3

Author: Praveen Sharma, Anil Arora

Publish Year: 2020

Alcoholic Liver Disease and Nonalcoholic Fatty Liver ...

<https://www.researchgate.net/publication/334553362...>

Alcoholic liver disease (ALD) has been reported worldwide with a prevalence of 0–20% and remains one of the major causes of **liver disease**. The spectrum of ALD includes **fatty liver**, **alcoholic** ...

USE OF THE FIB4 INDEX FOR NON-INVASIVE EVALUATION OF ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/pmid/19523535>

Nonalcoholic fatty liver disease (NAFLD) is a common cause of chronic **liver disease** in North America. The clinical-histological phenotype of NAFLD extends from a **nonalcoholic fatty liver** (NAFL) alone to **nonalcoholic** steatohepatitis (NASH) 1. About 30% of the general population has NAFLD and up to 5% of the population has NASH 2 – 4.

Cited by: 708

Author: Amy G. Shah, Alison Lydecker, Karen Murra...

Publish Year: 2009

Nonalcoholic fatty liver disease progression rates to ...

<https://onlinelibrary.wiley.com/doi/full/10.1111/apt.15679>

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Can Alcoholic Liver Disease and Nonalcoholic Fatty Liver ...

https://pubmed.ncbi.nlm.nih.gov/28663676

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Cited by: 8 Author: Manu Mehta, Sandeep Satsangi, Ajay Dusej...
Publish Year: 2016

Clinical Review of Nonalcoholic Steatohepatitis in Liver ...

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4607044

The term **nonalcoholic** steatohepatitis was coined by Ludwig and colleagues 3 in 1980 to describe a cohort of 20 **patients** with no history of **alcohol** abuse but with **liver** biopsies demonstrating **fatty** chang...

Cited by: 50 Author: Amit D. Tevar, Calissia Clarke, Jiang Wang, ...
Publish Year: 2010

Non-alcoholic fatty liver disease to metabolic dysfunction ...

https://onlinelibrary.wiley.com/doi/10.1111/1751-2980.12944

Non-alcoholic fatty liver disease (NAFLD) is now the most common cause of chronic **liver disease** in the world, potentially threatening the health of around 25% of the global population. 1 According to the...

(PDF) Current status, problems, and perspectives of non ...

https://www.researchgate.net/publication/330368405...

Jan 14, 2019 · **Non-alcoholic fatty liver disease** (NAFLD) is a major chronic **liver disease** that can lead to **liver cirrhosis**, **liver** cancer, and ultimately death.

Confounding factors of non-invasive tests for nonalcoholic ...

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