



Name of Journal: *World Journal of Hepatology*

Manuscript NO: 56200

Manuscript Type: CASE REPORT

Non-alcoholic fatty liver disease later diagnosed as myotonic dystrophy

Tanaka N *et al.* NAFLD underlying myotonic dystrophy

Naoki Tanaka, Takefumi Kimura, Naoyuki Fujimori, Yasuyuki Ichise, Kenji Sano, Akira Horiuchi

Abstract

BACKGROUND

Myotonic dystrophy (MD) is sometimes accompanied by metabolic/endocrine disorders, including dyslipidemia, central obesity, and hypogonadism. Due to the considerable individual differences in the severity and progression of myopathy, MD patients with

Match Overview

1	Internet 34 words crawled on 12-Nov-2017 www.jniosh.go.jp	1%
2	Crossref Posted Content 32 words Kinya Okamoto, Masahiko Koda, Toshiaki Okamoto, Taku mi Onoyama et al. "Serum miR-379 expression is related t	1%
3	Crossref 28 words Kenneth Shieh. "Frequency and predictors of nonalcohol... fatty liver disease in myotonic dystrophy", Muscle & Nerve,	1%
4	Crossref 26 words Hiroyasu Morikawa. "A case of primary small cell carcino... a of the liver that was treated with chemotherapy", Hepatol	1%
5	Crossref 23 words J. Finsterer, A. Karpatova, H. Rauschka, M. Loewe-Grguri n, M. Frank, M. Gencik. "Myotonic dystrophy 2 manifestir ...	1%
6	Internet 22 words crawled on 17-Mar-2019 soar-ir.repo.nii.ac.jp	1%
7	Internet 21 words www.pubmedcentral.nih.gov	1%
8	Internet 15 words crawled on 10-Jul-2020 tessera.spandidos-publications.com	1%



ALL

IMAGES

VIDEOS

25,500 Results

Any time ▾

Non-Alcoholic Steatohepatitis in Myotonic Dystrophy: DMPK ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2988905>

However the link between **myotonic dystrophy** and **liver disease** remains controversial. Biochemical abnormalities seen in **myotonic dystrophy** patients have been described to be mainly secondary to muscular damage and falsely attributed to the **liver**, leading to costly and unnecessary **liver** investigations [13 , 14].

Lipid Metabolism in Myotonic Dystrophy | SpringerLink

https://link.springer.com/chapter/10.1007/978-981-13-0508-5_10 ▾

Nov 01, 2018 · **Myotonic dystrophy Dyslipidemia Lipid metabolism Insulin resistance Glucose intolerance Metabolic syndrome Nonalcoholic fatty liver disease Nonalcoholic steatohepatitis Visceral fat accumulation**. This is a preview of subscription content, log in to check access.

Cited by: 1

Author: Hiroto Takada

Publish Year: 2018

Fatty liver disease and hypertransaminasemia hiding the ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3502262>

In conclusion our case emphasizes that when hypertransaminasemia and/or fatty liver are diagnosed one should nonetheless be alert to the possibility of overlooking a series of other, possibly treatable, coincidental causes of liver damage such as **celiac disease** [14,15], **Wilson disease** , **autoimmune hepatitis** , several **genetic rarer diseases** [18-20] or even muscular ...

Cited by: 6

Author: Giulia Paoletta, Pasquale Pisano, Raffael...

Publish Year: 2012

Systematic review: the epidemiology and natural history of ...

<https://onlinelibrary.wiley.com/doi/full/10.1111/j.1365-2036.2011.04724.x>

May 30, 2011 · **Background Non-alcoholic fatty liver disease (NAFLD)** is a common cause of **chronic liver disease**, and its worldwide prevalence continues to increase with the **growing obesity epidemic**. This study assesses the epidemiology of **NAFLD in adults** based on clinical



国内版 国际版

Non-alcoholic fatty liver disease later diagnosed as myotonic dystro



Sign in



ALL

IMAGES

VIDEOS

31,100 Results

Any time ▾

Non-Alcoholic Steatohepatitis in Myotonic Dystrophy: DMPK ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2988905>

However the link between **myotonic dystrophy** and **liver disease** remains controversial. Biochemical abnormalities seen in **myotonic dystrophy** patients have been described to be mainly secondary to muscular damage and falsely attributed to the **liver**, leading to costly and unnecessary **liver** investigations [...

Cited by: 2

Author: Rishi R. Bhardwaj, Andrea Duchini

Publish Year: 2010

Pathogenesis of hepatic steatosis: The link between ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3812473>

Oct 28, 2013 · **Non alcoholic fatty liver disease** is being increasingly recognized as a common **liver** condition in the developed world, with **non alcoholic** steatohepatitis projected to be the leading cause of **liver** transplantation. Previous data report that only 20% of patients with Cushing's syndrome have hepatic steatosis.

Cited by: 60

Author: Giovanni Tarantino, Carmine Finelli

Publish Year: 2013

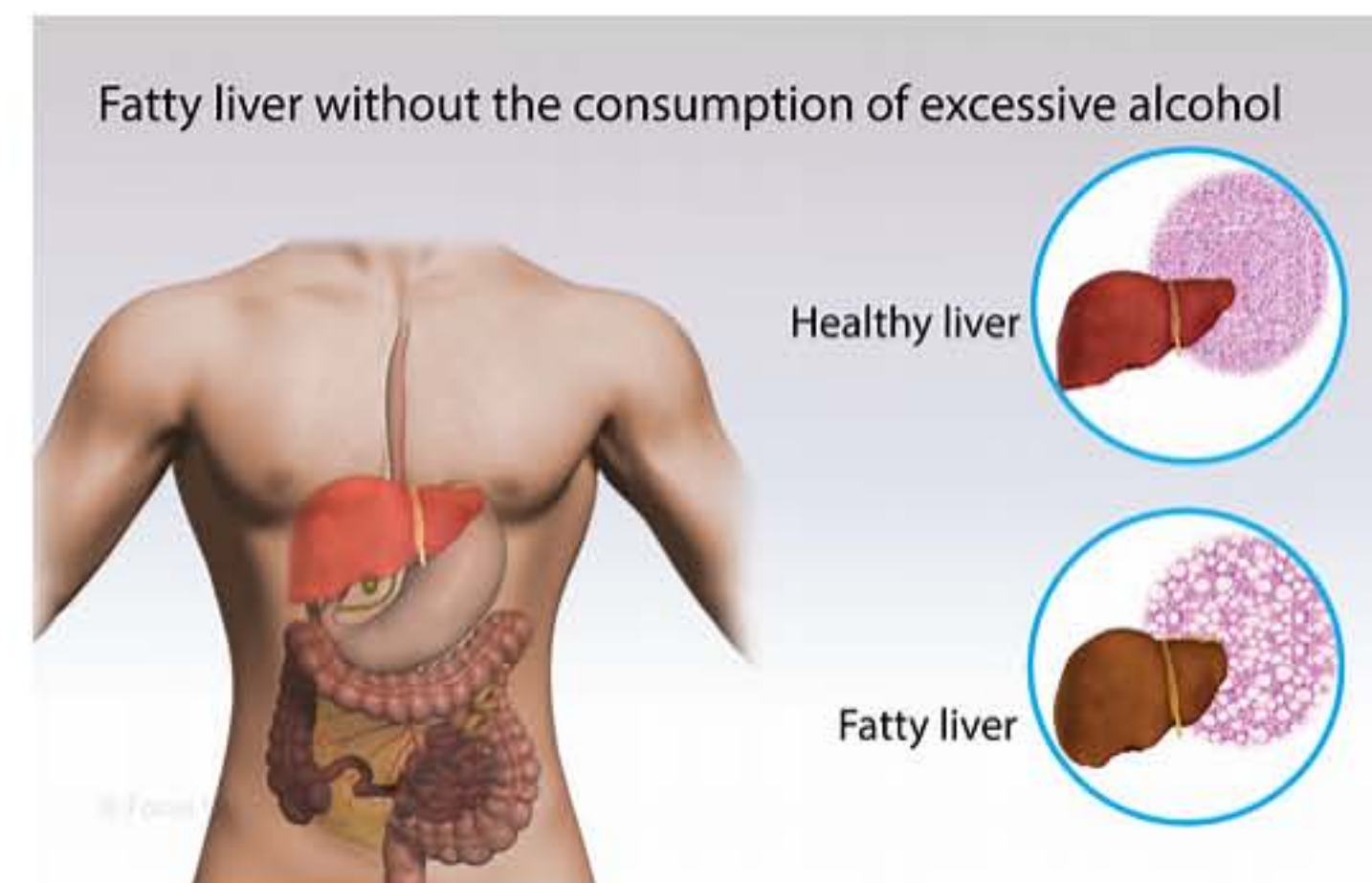
Lipid Metabolism in Myotonic Dystrophy | SpringerLink

https://link.springer.com/chapter/10.1007/978-981-13-0508-5_10 ▾

Nov 01, 2018 · **Lipid metabolism abnormality** in myotonic dystrophy (DM) was reviewed. Dyslipidemia is frequently seen in patients with DM. Hypertriglyceridemia, **low HDL cholesterolemia**, **high LDL cholesterolemia**, and exceeded **visceral fat accumulation** are common as **abnormal lipid metabolism** ...

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



31,000 Results

Any time ▾

Nonalcoholic fatty liver disease (NAFLD) is a common chronic liver disease that is strongly associated with **insulin resistance**. Myotonic dystrophy (DM1) is the most common form of adult-onset muscular dystrophy, and there is a high frequency of insulin resistance due to insulin receptor mRNA splicing defects in muscle tissue.

Frequency and predictors of nonalcoholic fatty liver ...

www.researchgate.net/publication/26879930_Frequency_and_predictors_of_no...

Was this helpful?

PEOPLE ALSO ASK

What is toxic dystrophy of the liver? ▾

What is fatty liver dystrophy? ▾

What are the different types of alcoholic liver disease? ▾

What is the prognosis of liver disease? ▾

Feedback

Non-Alcoholic Steatohepatitis in Myotonic Dystrophy: DMPK ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2988905>

However the link between **myotonic dystrophy** and **liver disease** remains controversial. Biochemical abnormalities seen in **myotonic dystrophy** patients have been described to be mainly secondary to muscular damage and falsely attributed to the **liver**, leading to costly and unnecessary **liver** investigations [13 , 14].

Cited by: 2

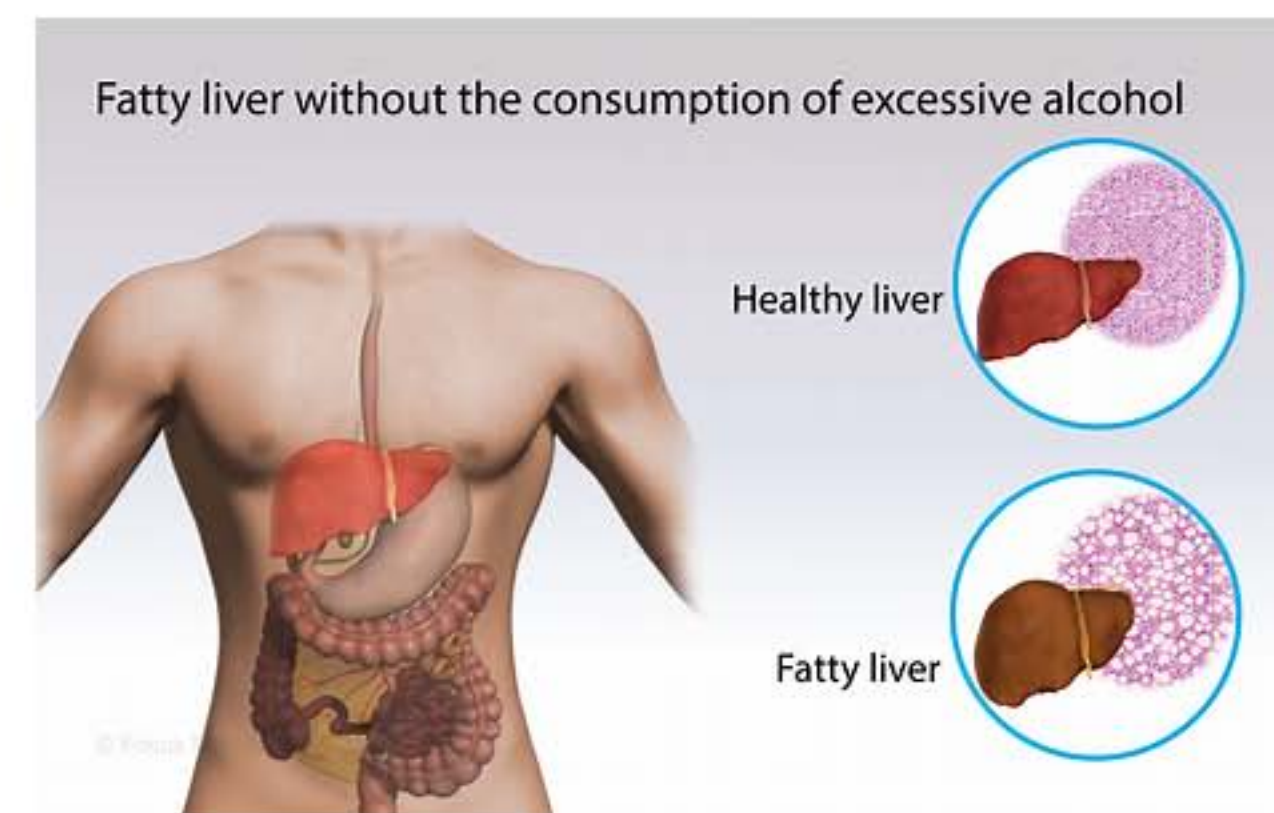
Author: Rishi R. Bhardwaj, Andrea Duchini

Publish Year: 2010

Pathogenesis of hepatic steatosis: The link between ...

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: