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L-carnitine supplementation in non-alcoholic fatty liver disease: A systematic review and meta-analysis

Thiagarajan P *et al.* L-carnitine in nonalcoholic fatty liver disease

Prarthana Thiagarajan, Jane Chalmers, Lu Ban, Douglas Grindlay, Guruprasad P Aithal

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L-carnitine supplementation in non-alcoholic fatty liver diseases



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The effects of carnitine supplementation on clinical characteristics of patients with **non-alcoholic fatty liver disease**: A systematic review and meta-analysis of randomized controlled trials Author links open overlay panel **Abolfathi Mohammad** a Barakatun-Nisak **Mohd-Yusof** a b **Zubaidah Nor Hanipah** c S. **Mohd Redzwan** a **Loqman Mohamad Yusof** d **Mohammad Zeinali Khosroshahi** e

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The effects of L-carnitine supplementation on glycemic ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6785772>

Aug 19, 2019 · The aim of this paper is to review systematically the trials investigating the effect of **L-carnitine supplementation** on **glycemic control** and to perform a **meta-analysis** in order to determine the effects of **L-carnitine** on markers related to **glycemic control**.

Cited by: 1 **Author:** Hadis Fathizadeh, Alireza Milajerdi, Željko...

Publish Year: 2019

Omega-3 supplementation and non-alcoholic fatty liver ...

<https://www.ncbi.nlm.nih.gov/pubmed/32023085>

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More than 100 types of **liver disease** have been identified, among which **Non-alcoholic Fatty Liver Disease (NAFLD)** is the most prevalent **liver diseases** in the world. 1, 2 The pathological and clinical manifestations of **NAFLD** include simple **steatosis**, **non-alcoholic steatohepatitis (NASH)**, **fibrosis**, **cirrhosis**, and these may eventually lead to **hepatocellular carcinoma**. 1, 2 According to the "two ...

Author: Mohammad Abolfathi, Barakatun-Nisa... **Publish Year:** 2020

Omega-3 supplementation and non-alcoholic fatty liver ...

<https://www.ncbi.nlm.nih.gov/pubmed/22023985>

A systematic search of the literature was conducted for studies pertaining to the effect of **omega-3 polyunsaturated fatty acid (PUFA) supplementation** on **NAFLD** in humans. Primary outcome measures were **liver fat** and **liver function tests: alanine aminotransferase (ALT) and aspartate aminotransferase** [1].

Cited by: 310 **Author:** Helen M. Parker, Nathan A. Johnson, Cat...

Publish Year: 2012

Evaluation of the effects of L-carnitine on medaka

L-Carnitine

Generic drug name: Levocarnitine

This medication is a diet supplement used to prevent and treat low blood levels of carnitine.

Precautions

Side Effects

Interactions

Warnings

Other brand names: Carnitor · Acticarnitine SF +

Drug classes: Carnitine Analog · Amino Acid Supplement

Pregnancy category: Pregnancy Category B (FDA) (No evidence of risk in humans)