

# Accepted Manuscript

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PII: S1542-3565(17)30614-6  
DOI: [10.1016/j.cgh.2017.04.045](https://doi.org/10.1016/j.cgh.2017.04.045)  
Reference: YJCGH 55263

To appear in: *Clinical Gastroenterology and Hepatology*  
Accepted Date: 21 April 2017

Please cite this article as: Fracanzani AL, Petta S, Lombardi R, Pisano G, Russello M, Consonni D, Di Marco V, Cammà C, Mensi L, Dongiovanni P, Valenti L, Craxì A, Fargion S, Liver and Cardiovascular Damage in Patients With Lean Non-alcoholic Fatty Liver Disease, and Association With Visceral Obesity, *Clinical Gastroenterology and Hepatology* (2017), doi: 10.1016/j.cgh.2017.04.045.

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# Liver and Cardiovascular Damage in Patients With Lean Non-alcoholic Fatty Liver Disease, and Association With Visceral Obesity

*Short title:* Liver and cardiovascular damage in lean NAFLD

Anna Ludovica Fracanzani<sup>1</sup>, Salvatore Petta<sup>2</sup>, Rosa Lombardi<sup>1</sup>, Giuseppina Pisano<sup>1</sup>, Maurizio Russello<sup>3</sup>, Dario Consonni<sup>4</sup>, Vito Di Marco<sup>2</sup>, Calogero Cammà<sup>2</sup>, Laura Mensi<sup>1</sup>, Paola Dongiovanni<sup>1</sup>, Luca Valenti<sup>1</sup>, Antonio Craxì<sup>2</sup>, Silvia Fargion<sup>1</sup>✉

1. Department of Pathophysiology and Transplantation, Unit of Metabolic and Internal Medicine, University of Milan, Ca' Granda IRCCS Foundation, Maggiore Policlinico Hospital, Milan, Italy.✉

2. Biomedical Department of Internal and Specialistic Medicine (DIBIMIS), Gastroenterological and Hepatological Unit, University of Palermo, Palermo, Italy.

3. Liver Unit, ARNAS, Garibaldi Hospital, Catania, Italy.✉

4. Epidemiology Unit, Ca' Granda Foundation IRCCS Maggiore Policlinico Hospital, University of Milan, Italy

*Grant support:* Ricerca Finalizzata RF 2013-02358519 (Early atherosclerosis in patients with steatosis and with chronic hepatitis C: role of visceral adiposity, procoagulant imbalance and endothelial dysfunction in vascular damage). Project n. MI-0059, C42F16000080001

*Abbreviations:* NAFLD=non alcoholic fatty liver disease, BMI=body mass index, MetS=Metabolic syndrome, PNPLA3= patatin-like phospholipase domain-containing-3, TM6SF2= Transmembrane 6 superfamily member 2, NASH=non-alcoholic steatohepatitis, cIMT=carotid Intima-media thickness, cplaques=carotid plaques, WC=waist circumference, HOMA-IR= homeostasis metabolic assessment insulin resistance index, NAS=NAFLD activity score.

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