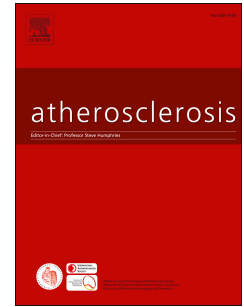


Accepted Manuscript

Nuclear Magnetic Resonance lipoprotein abnormalities in newly-diagnosed type 2 diabetes and their association with preclinical carotid atherosclerosis

Antonio J. Amor, Marta Catalan, Antonio Pérez, Zoe Herreras, Montserrat Pinyol, Aleix Sala-Vila, Montserrat Cofán, Rosa Gilabert, Emilio Ros, Emilio Ortega



PII: S0021-9150(16)30058-2

DOI: [10.1016/j.atherosclerosis.2016.02.014](https://doi.org/10.1016/j.atherosclerosis.2016.02.014)

Reference: ATH 14492

To appear in: *Atherosclerosis*

Received Date: 27 October 2015

Revised Date: 15 January 2016

Accepted Date: 12 February 2016

Please cite this article as: Amor AJ, Catalan M, Pérez A, Herreras Z, Pinyol M, Sala-Vila A, Cofán M, Gilabert R, Ros E, Ortega E, Nuclear Magnetic Resonance lipoprotein abnormalities in newly-diagnosed type 2 diabetes and their association with preclinical carotid atherosclerosis, *Atherosclerosis* (2016), doi: 10.1016/j.atherosclerosis.2016.02.014.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Nuclear Magnetic Resonance lipoprotein abnormalities in newly-diagnosed type 2 diabetes and their association with preclinical carotid atherosclerosis

Antonio J. Amor¹, Marta Catalan², Antonio Pérez^{3,4}, Zoe Herreras², Montserrat Pinyol², Aleix Sala-Vila^{1,5}, Montserrat Cofán^{1,5}, Rosa Gilabert⁶, Emilio Ros^{1,5}, Emilio Ortega^{1,5}

¹Endocrinology and Nutrition Service, Institut d'Investigacions Biomèdiques August Pi Sunyer (IDIBAPS), Hospital Clínic, Barcelona, Spain

²Consortio de Atención Primaria del Eixample (CAPSE), Grup Transversal de Recerca en Atenció Primària, IDIBAPS, Barcelona, Spain.

³Endocrinology and Nutrition Department, Biomedical Research Institute, Hospital de la Santa Creu i Sant Pau, IIB Sant Pau, Barcelona, Spain.

⁴Centro de Investigación Biomédica en Red "Diabetes y Enfermedades Metabólicas Asociadas" (CIBERDEM), Instituto de Salud Carlos III (ISCIII), Spain.

⁵Centro de Investigación Biomédica en Red Fisiopatología de la Obesidad y Nutrición (CIBEROBN), Instituto de Salud Carlos III (ISCIII), Spain.

⁶Vascular Unit, Centre de Diagnòstic per l'Imatge, IDIBAPS, Hospital Clínic, Barcelona, Spain

*Corresponding author: Dr. Emilio Ortega, Endocrinology and Nutrition Service, Hospital Clínic, Villarroel 170, 08036 Barcelona, Spain. E-mail: eortega1@clinic.ub.es

Keywords: diabetes, carotid ultrasound, preclinical atherosclerosis, nuclear magnetic resonance spectroscopy, lipoproteins.

Download English Version:

<https://daneshyari.com/en/article/5943365>

Download Persian Version:

<https://daneshyari.com/article/5943365>

[Daneshyari.com](https://daneshyari.com)