

# Accepted Manuscript

Fixed but not autoadjusting positive airway pressure attenuates the time-dependent decline in glomerular filtration rate in patients with obstructive sleep apnea

Oreste Marrone, MD, Fabio Cibella, MD, Jean-Louis Pépin, MD, PhD, Ludger Grote, MD, PhD, Johan Verbraecken, MD, PhD, Tarja Saaresranta, MD, PhD, John A. Kvanme, MD, Ozen K. Basoglu, MD, Carolina Lombardi, MD, PhD, Walter T. McNicholas, MD, FCCP, Jan Hedner, MD, PhD, Maria R. Bonsignore, MD

PII: S0012-3692(18)30634-2

DOI: [10.1016/j.chest.2018.04.020](https://doi.org/10.1016/j.chest.2018.04.020)

Reference: CHEST 1693

To appear in: *CHEST*

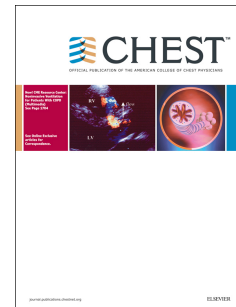
Received Date: 6 January 2018

Revised Date: 17 February 2018

Accepted Date: 2 April 2018

Please cite this article as: Marrone O, Cibella F, Pépin JL, Grote L, Verbraecken J, Saaresranta T, Kvanme JA, Basoglu OK, Lombardi C, McNicholas WT, Hedner J, Bonsignore MR, on behalf of the ESADA network, Fixed but not autoadjusting positive airway pressure attenuates the time-dependent decline in glomerular filtration rate in patients with obstructive sleep apnea, *CHEST* (2018), doi: 10.1016/j.chest.2018.04.020.

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.



Text word count: 2780

Abstract word count: 248

Fixed but not autoadjusting positive airway pressure attenuates the time-dependent decline  
in glomerular filtration rate in patients with obstructive sleep apnea

Oreste Marrone,<sup>1</sup> MD; Fabio Cibella,<sup>1</sup> MD; Jean-Louis Pépin,<sup>2</sup> MD, PhD; Ludger Grote,<sup>3</sup> MD, PhD;  
Johan Verbraecken,<sup>4</sup> MD, PhD; Tarja Saaresranta,<sup>5</sup> MD, PhD; John A. Kvamme,<sup>6</sup> MD;  
Ozen K. Basoglu,<sup>7</sup> MD; Carolina Lombardi,<sup>8</sup> MD, PhD; Walter T. McNicholas,<sup>9</sup> MD, FCCP;  
Jan Hedner,<sup>3</sup> MD, PhD; Maria R. Bonsignore,<sup>1,10</sup> MD; on behalf of the ESADA network

**Affiliations:** <sup>1</sup>CNR, Institute of Biomedicine and Molecular Immunology, Palermo, Italy. <sup>2</sup>INSERM Unit 1042, Université Grenoble Alpes, and CHU de Grenoble, Laboratoire EFCR, Pôle Thorax et Vaisseaux, Grenoble, France. <sup>3</sup>Sleep Medicine, Sahlgrenska University Hospital and Sahlgrenska Academy, Gothenburg, Sweden. <sup>4</sup>Multidisciplinary Sleep Disorders Centre, Antwerp University Hospital and University of Antwerp, Edegem-Antwerp, Belgium. <sup>5</sup>Division of Medicine, Department of Pulmonary Diseases, Turku University Hospital, and Sleep Research Center, Department of Pulmonary Diseases and Clinical Allergology, University of Turku, Turku, Finland. <sup>6</sup>ENT Dept., Førde Central hospital, Førde, Norway. <sup>7</sup>Dept of Chest Diseases, Ege University School of Medicine, Izmir, Turkey. <sup>8</sup>Sleep Disorders Center, Department of Cardiovascular Neural and Metabolic Sciences, IRCCS Istituto Auxologico Italiano, Milano-Bicocca University, Milan, Italy. <sup>9</sup>School of Medicine and Medical Science, University College Dublin, and Department of Respiratory and Sleep Medicine, St. Vincent's Hospital Group, Dublin, Ireland. <sup>10</sup>DiBiMIS, University of Palermo, Palermo, Italy.

**Short title/ Running head:** Fixed CPAP but not APAP blunts eGFR decline in OSA

**Corresponding author:**

Dr Oreste Marrone

Istituto di Biomedicina e Immunologia Molecolare

Via Ugo La Malfa, 153

90146 Palermo, Italy

E-mail: oreste.marrone@ibim.cnr.it

Download English Version:

<https://daneshyari.com/en/article/8657721>

Download Persian Version:

<https://daneshyari.com/article/8657721>

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