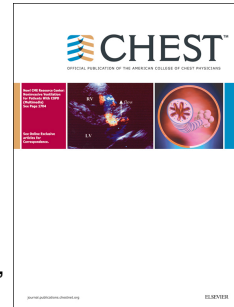


Accepted Manuscript

Single-breath washout tests to assess small airway disease in COPD

Lucas Boeck, MD, Anna Gensmer, MD, Sylvia Nyilas, MD, Bram Stieltjes, MD, PhD, Thomas J. Re, MD, MSc, Michael Tamm, MD, Philipp Latzin, MD, PhD, Daiana Stolz, MD



PII: S0012-3692(16)49106-3

DOI: [10.1016/j.chest.2016.05.019](https://doi.org/10.1016/j.chest.2016.05.019)

Reference: CHEST 488

To appear in: *CHEST*

Received Date: 17 October 2015

Revised Date: 18 April 2016

Accepted Date: 23 May 2016

Please cite this article as: Boeck L, Gensmer A, Nyilas S, Stieltjes B, Re TJ, Tamm M, Latzin P, Stolz D, Single-breath washout tests to assess small airway disease in COPD, *CHEST* (2016), doi: 10.1016/j.chest.2016.05.019.

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.

Word count text: 2788

Word count abstract: 235

Single-breath washout tests to assess small airway disease in COPD

Lucas Boeck^{1#}, MD; Anna Gensmer^{2#}, MD; Sylvia Nyilas^{2,3}, MD; Bram Stieltjes⁴, MD, PhD; Thomas J. Re,
MD, MSc⁴; Michael Tamm¹, MD; Philipp Latzin^{2*}, MD, PhD; Daiana Stolz^{1*}, MD

¹ Clinic of Respiratory Medicine and Pulmonary Cell Research, University Hospital Basel, Switzerland;

² Division of Respiratory Medicine, University Children's Hospital Basel, Switzerland;

³ Pediatric Respiratory Medicine, University Children's Hospital Bern, University of Bern, Switzerland;

⁴ Clinic of Radiology and Nuclear Medicine, University Hospital Basel, Switzerland;

[#]These authors contribute equally

^{*}These authors contribute equally

Short title: Single-breath washout in COPD

Corresponding author: Prof. Daiana Stolz, MD; Clinic of Respiratory Medicine and Pulmonary Cell Research, University Hospital, 4031 Basel, Petersgraben 4, Switzerland; daiana.stolz@usb.ch

Conflict of interest: DS was supported by the Swiss National Science Foundation (PP00P3_128412/1). AG and PL were supported by an unrestricted grant from the Linde Group (REALfund). We report no other potential conflicts of interest.

Download English Version:

<https://daneshyari.com/en/article/5600622>

Download Persian Version:

<https://daneshyari.com/article/5600622>

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