



Universität
Basel

Publication

A single dose of Sildenafil does not enhance FeNO : a randomised, cross-over and placebo-controlled study

JournalArticle (Originalarbeit in einer wissenschaftlichen Zeitschrift)

ID 1192904

Author(s) Rothe, Thomas; Karrer, Werner; Schindler, Christian

Author(s) at UniBasel [Schindler, Christian](#) ;

Year 2010

Title A single dose of Sildenafil does not enhance FeNO : a randomised, cross-over and placebo-controlled study

Journal Respiratory medicine

Volume 104

Number 6

Pages / Article-Number 788-93

Keywords Asthma, Asthma control, Exhaled nitric oxide, Sildenafil

Monitoring of asthma control can be performed with different means including measurement of the concentration of nitric oxide (NO) in exhaled air. Due to its action on the NO-metabolism; we hypothesized that the intake of Sildenafil might augment and falsify the NO-values in exhaled air of subjects taking the drug to treat erectile dysfunction. This randomised, placebo-controlled cross-over study including 10 male non-asthmatic volunteers taking a single dose of 50 mg Sildenafil did not confirm this assumption in non-asthmatic subjects. We cannot think of any reason why asthmatics should behave differently. On the basis of these results, it does not seem necessary to ask asthma patients with elevated NO-values if they had taken any selective inhibitor of the cGMP-specific phosphodiesterase Type 5 as Sildenafil prior to the test

Publisher Saunders

ISSN/ISBN 0954-6111

edoc-URL <http://edoc.unibas.ch/dok/A5842791>

Full Text on edoc No;

Digital Object Identifier DOI 10.1016/j.rmed.2009.12.011

PubMed ID <http://www.ncbi.nlm.nih.gov/pubmed/20079617>

ISI-Number WOS:000278692500004

Document type (ISI) Journal Article, Randomized Controlled Trial