

Library Corner – May 2004

From Maureen Swanney come the following offerings:

Chest / 125 / 2 / February

Methacholine Challenge Testing

Comparison of the Two American Thoracic Society-Recommended Methods

Catherine Wubble, Michael Asmus, Gary Stevens, Sarah Chesrown, Leslie Hendeles
(Both methods give similar results.)

Same journal issue as above.

Clinical Significance of Elevated Diffusing Capacity

Ghulam Saydain, Kenneth Beck, Paul Decker, Clayton Cowl, Paul Scanlon

European Respiratory Journal Vol 23 No.4 April 2004

Respiratory Changes during Defecation in Patients with Chronic Respiratory Failure

M Delmastro, C Santoro, S Nava

(No one in the lab is keen to pursue this area of research!!)

AJRCCM Vol 169 No.7 April 1 2004

Is Forced Expiratory Volume in One Second the Best Measure of Severity in Childhood Asthma?

Joespg Spahn, Reuben Cherniack, Keith Paull, Erwin Gelfand

AJRCCM Vol 169 No.8 April 15 2004

A Century of Gas Exchange

John B West

A must read, good history

And from Graham Hall

Determinants of Maximally Attained Level of Pulmonary Function

Xiaobin Wang, Tjeert T. Mensinga, Jan P. Schouten, Bert Rijcken, and

Scott T. Weiss

Am. J. Respir. Crit. Care Med. 2004;169 941-949

<http://www.ajrccm.org/cgi/content/abstract/169/8/941?etoc>

Obesity and Asthma: Directions for Research

Scott T. Weiss and Stephanie Shore

Am. J. Respir. Crit. Care Med. 2004;169 963-968

<http://www.ajrccm.org/cgi/content/full/169/8/963?etoc>

And from Brenton Eckert

Med J Aust. 1995 Dec 4-18;163(11-12):587-8.

The Chocuhaler: sweet deliverance in asthma management.

Hayden MJ, Wildhaber JH, Eber E, Devadason SG.

Department of Respiratory Medicine, Princess Margaret Hospital for Children, Perth, WA 6008, AUS.

OBJECTIVE: To determine the characteristics of a new cocoa-based edible spacer device for the delivery of aerosol bronchodilator. DESIGN: In-vitro comparison of two spacer devices (standard and edible) and determination of bronchodilator response using the edible spacer.

SETTING: A university children's hospital in Western Australia. SUBJECTS: Two volunteers with moderate asthma. RESULTS: Compared with a standard spacer, the edible spacer delivered significantly more bronchodilator in droplets of a size likely to enter the respiratory tract. A significant bronchodilator response occurred in two out of two subjects when salbutamol was inhaled orally via the chocolate spacer. No significant bronchodilator response occurred in either subject when the spacer was eaten at the end of the study. CONCLUSION: The chocolate spacer used in this study is a suitable device to deliver salbutamol by inhalation. However, there may be potential drawbacks of weight gain in some patients and meltdown in hot climates.

TSANZ have advised that their abstracts from the Sydney meeting are now freely available on Blackwell's Synergy:

<http://www.blackwell-synergy.com/links/doi/10.1111/j.1440-1843.2004.00553.x/abs/>

This URL contains the DOI for this article and will take you directly to the page where you can download the pdf of the meeting abstracts.

Until next month, happy browsing. Thanks to Maureen, Graham and Brenton for their contributions and I urge the rest of you to not forget contributions to this page are always welcome!

K.