

## *Library Corner – February 2005*

### **Thorax 60(1) January 2005.**

An interesting paper for those of us who do exercise tests on these patients.

Skeletal muscle weakness in patients with sarcoidosis and its relationship with exercise intolerance and reduced health status. MA Spruit *et al* pp32-38.

See also Editorial p1

For our paediatric friends,

Peak oxygen uptake and mortality in children with cystic fibrosis. NP.Pianosi *et al*, pp50-54

and the sleepers

Sleep 7: Positive airway pressure therapy for obstructive sleep apnoea / hypopnoea syndrome. P Gordon and M H Sanders. pp68-75.

### **European Respiratory Journal 25(1) January 2005-01-27**

Of interest for those writing papers and choosing where to send them

Serving researchers, the impact factor and other conflicts of interest. PJ Sterk and KF Rabe. P3-5

And those using quality of life questionnaires in studies

A randomised trial to evaluate the self-administered standardised chronic respiratory questionnaire. HJ Schunemann *et al*. pp31-40.

Further perspectives on walk tests

The timed walk test as a measure of severity and survival in idiopathic pulmonary fibrosis. TS Hallstrand *et al* pp96-103.

And some more on muscle weakness and fatigue

Respiratory muscle dysfunction in idiopathic pulmonary arterial hypertension. FJ Meyer *et al* pp125-130.

See also editorial p6.

Again for our paediatric friends an interesting perspective on interpreting hypertonic saline challenges

Airway responsiveness to hypertonic saline: dose response slope or PD<sub>15</sub>. G DeMeer *et al* pp153-158.

An interesting series continues

Continuing series “Respiratory Monitoring: revisiting classical physiological principles with new tools No3. Flow limitation and dynamic hyperinflation: key concepts in modern respiratory physiology. PMA Calverley and NB Koulouris pp186-199.

David Johns from Tasmania passed on the following papers he has been involved with. Any others who have had work published please let me know so they can be included here.

### **Recent Publications that may be of interest**

(The chapter (3rd below) may be of interest as a newish topic for members- I found this chapter very difficult to write. I also have a chapter on evidence-based lung function testing which may be of interest but I don't think the book has appeared yet)

Johns DP, Berry D, Maskrey M, Wood-Baker R, Reid D, Walters EH, Walls J. Membrane diffusing capacity compensates for the decrease in lung capillary blood volume post-exercise. *European Journal of Applied Physiology*. 93: 96-101. 2004.

Johns DP, Hartley MF, Burns G, Thompson BR. Variation in barometric pressure in Melbourne does not significantly affect the BTPS correction factor. *Respirology*. 9(3): 406-408. 2004.

Johns DP, Reid DW. Influence of high altitude (chronic hypoxia) on lung development and function. Chapter 18. In: *The Lung: Development, Ageing and the Environment*. R. Harding, K. Pinkerton and CG Plopper (eds). Academic Press, London, UK. ISBN 0-12-324751-9. p 267-275. 2004.

Reid DW, Soltani A, Johns DP, Bish R, Williams TJ, Burns G, Walters EH. Bronchodilator reversibility in Australian adults with chronic obstructive pulmonary disease. *Internal Medicine Journal*. 33(12): 572-577. 2003.

And from Graham Hall came the following – the first featuring more of our own members:

Validity of the American Thoracic Society and Other Spirometric Algorithms Using FVC and Forced Expiratory Volume at 6 s for Predicting a Reduced Total Lung Capacity

Maureen P. Swanney, Lutz E. Beckert, Chris M. Frampton, Lauren A. Wallace, Robert L. Jensen, and Robert O. Crapo  
Chest 2004;126 1861-1866

<http://www.chestjournal.org/cgi/content/abstract/126/6/1861?etoc>

Simplified Detection of Dynamic Hyperinflation

Arthur F. Gelb, Carlos A. Gutierrez, Idelle M. Weisman, Randy Newsom, Colleen Flynn Taylor, and Noe Zamel  
Chest 2004;126 1855-1860

<http://www.chestjournal.org/cgi/content/abstract/126/6/1855?etoc>

Till next month, happy browsing.

*K*