

Library Corner – July 2003

My reading has been rather neglected this last month having had other things on my mind. This has been as true at home as at work so hopefully things will resolve next month. I still managed a trip to the library but even there, relevant journals were a bit thin on the ground.

The ERJ had an interesting paper from the Dunedin Respiratory Team

Bronchodilator tolerance: the impact of increasing bronchoconstriction.

J.M.Wraight *et al*, Eur Resp J 2003; **21**:810-815.

There were a couple of other papers on spirometry in the same issue that raised some interesting questions:

Spirometry in young children: should computer-animation programs be used during testing? V Graechi *et al*, *ibid*; 872-875.

To clip or not to clip? Noseclips for spirometry. R.Chevassse *et al*, *ibid*; 876-878.

There was also a supplement from ERJ that had a number of interesting papers in it looking at the effects of air pollution

Air pollution effects in the elderly. Eur Resp J, **21**: S40.

On the same theme there was a review looking at environmental insults and their consequences. Whilst written from the Intensive Care perspective it made interesting background reading

Environmental insults: smoke inhalation, submersion, diving and high altitude.

D.C. Kuo and D.A.Jerrard. Emerg Med Clin N Am 2003; **21**: 475-497.

Finally that excellent Clinics in Chest Medicine series has another volume out that will be of interest to the sleepers amongst you:

Sleep related breathing disorders. New developments. Clinics in Chest Medicine, June 2003.

Just as I thought this was completed the latest Chest bounced onto my desk. There were a few exercise related papers worthy of at least a cursory glance:

Exercise training improves exertional dyspnoea in patients with COPD: evidence of the role of mechanical factors. F.Gigliotti *et al*. Chest 2003;**123**(6) 1794-1807.

A comparison of the effects of salbutamol and ipratropium bromide on exercise endurance in patients with COPD. T.Oga *et al* *ibid*: 1810-1816

There was also more fuel in the Lung Volume Reduction Surgery debate with an interesting study design

Effects of lung volume reduction surgery for emphysema on Oxygen cost of breathing. T.Takayama *et al* *ibid*: 1847-1850

The EasyOne spirometer was put through its paces for home use

Evaluating the use of a portable spirometer in a study of pediatric asthma.

K.F.Mortimer *et al* *ibid*: 1899-1907

And while on the subject of spirometry an interesting paper aimed at filtering reducing requests for lung volume measurements (and saving money of course!)

A spirometry based algorithm to direct lung function testing in the pulmonary function laboratory C.A. Gladys *et al* *ibid*:1939-1946.

There were also a couple of letters relating to pulse oximetry worth looking at
Oximeter performance and diagnostic accuracy of sleep studies. Meir Kryger
ibid: 2160

And finally

What is the effect of fingernail polish on pulse oximetry? M.Chan and
M.Chan, *ibid*: 2163-2164.

Happy browsing until next month,

Kevin.