



InterClinical
Laboratories

eNews

PRACTITIONER ONLY NEWSLETTER

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Nutritional, Herbal and Natural Medicines Practitioner Education
Hair Tissue Mineral Analysis Pathology



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It's finally Spring! Along with the warmer weather practitioners often see an increase in the incidence of allergies in their clinics. HTMA can help identify mineral imbalances related to lots of 'spring-time' issues including allergies, the need for detoxing, low adrenal function, mood issues like stress and more!

Don't forget, we offer FREE technical support for all practitioners utilising our HTMA service. So call us today and we can help you to interpret your client's report.

Wishing you the best of health.

Kind regards, InterClinical Laboratories.



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Practitioner Clinical Updates

Selenium and Hyperthyroidism - Graves' Disease Ophthalmopathy



Hyperthyroidism can lead to orbital pathology or exophthalmos, a protruding of the eyes. It is estimated that about half of all patients with Graves' disease develop ocular problems. Studies have suggested that increased free radical production

plays a role in the development of ocular disorder associated with Graves' disease. Selenium acts as an anti-oxidant as well as supporting the immune system. Marcocci, et al, reported a double-blind, placebo-controlled trial of patients with ocular involvement having a mild form of Graves' disease. Patients who were given 100 micrograms of selenium twice a day were evaluated after six months of therapy. Selenium supplementation significantly reduced ocular involvement and slowed the progression of the condition as well as improved quality of life in those treated.

Marcocci, C. [et al.](#) *Selenium and The Course of Milk Graves Orbitopathy. N.E.J.M.* 364, 20, 1011.

Systemic release of cobalt and chromium after uncemented total hip replacement

Researchers measured the levels of cobalt and chromium in the serum in three groups of patients after uncemented porous-coated arthroplasty. Group 1 consisted of 14 consecutive patients undergoing revision for aseptic loosening. Group 2 comprised 14 matched patients in whom the arthroplasty was stable and group 3 was 14 similarly matched patients with arthritis awaiting hip replacement. Specimens were analysed using atomic absorption spectrophotometry. Aseptic loosening of a component resulted in a significant elevation of serum cobalt ($p < 0.05$) but not of serum chromium. The relative risk of a component being loose, if the patient had serum cobalt greater than 9.0 nmol/l, was 2.8.

Kreibich DN, et al. *J Bone Joint Surg Br*, 18, 21, vol 78, 1996.

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Need more information?

Need help interpreting your patient's hair tissue mineral analysis report? Do you require further information on any of our nutritional, herbal and natural medicines? If so, please don't hesitate in contacting us. We have qualified practitioners ready to take your call.

You can call us anytime Monday to Friday, 9am-5pm AEDT.

Let us help you build your practice with better clinical outcomes.



InterClinical Laboratories

Servicing Practitioners and Their Needs

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