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IN BRIEF

ANDROLOGY

Serum testosterone levels and risky business

An association between risk-taking behaviors and testosterone levels is well known. Serum testosterone levels were measured in a group of 78 male college students and their attitude toward safe-sex behaviors determined using a composite questionnaire and the UCLA Multidimensional Condom Attitudes Scale. Higher serum testosterone was positively correlated with higher scores on both scales, suggesting that young men may view safe sex behaviors as 'risky' despite reducing STI risk.

Original article van Anders, S. M. *et al.* Safer sex as the bolder choice: testosterone is positively correlated with safer sex behaviorally relevant attitudes in young men. *J. Sex. Med.* doi:10.1111/j.1743-6109.2011.02544.x

STONES

Chest radiography is unnecessary after PCNL

Patients routinely undergo chest radiography after percutaneous nephrolithotomy (PCNL) to detect potential hydropneumothorax. 214 patients who had both PCNL and postoperative radiography were analyzed retrospectively. Hydropneumothorax was detected in only two patients, both of whom had clinical signs. As the radiographical findings rarely affect management in practice, the authors recommend that chest radiography can be safely omitted after PCNL.

Original article Bjurlin, M. A. *et al.* Is routine postoperative chest radiography needed after percutaneous nephrolithotomy? *Urology* doi:10.1016/j.urology.2011.08.053

BASIC RESEARCH

A bladder receptor by any other name would taste as sweet

Artificial sweeteners have been shown to increase bladder contraction. Human and rat bladder sections were stained to determine expression of the sweet taste receptors T1R2 and T1R3, and the contractile responses of samples with and without urothelium were tested. Receptor expression was observed in both human and rat bladder urothelium, with immunostaining particularly evident in umbrella cells of the plasma membrane. Administration of saccharin augmented contraction of rat bladder strips containing urothelium.

Original article Elliot, R. A. *et al.* Expression and distribution of the sweet taste receptor isoforms T1R2 and T1R3 in human and rat bladders. *J. Urol.* 186, 2455–2462 (2011)

PROSTATE CANCER

Ultrasensitive versus standard PSA value for doubling times

PSA doubling time is often used to determine recurrence of prostate cancer after radical prostatectomy and to time the initiation of salvage therapy. PSA doubling time was assessed in 394 men from the CaPSURE registry who had biochemical recurrence (BCR) after prostatectomy, using the ultrasensitive (<0.2 ng/ml) and standard (>0.2 ng/ml) ranges. Median ultrasensitive doubling time was 11.9 months, compared with 240 months in the standard range, and agreement between the two measurements was poor (weighted Cohen's kappa score of 0.04). Ultrasensitive measurements potentially overestimate the likelihood of BCR.

Original article Reese, A. C. *et al.* Poor agreement of prostate specific antigen doubling times calculated using ultrasensitive versus standard prostate specific antigen values: important impact on risk assessment. *J. Urol.* 186, 2228–2232 (2011)