

REVIEW ARTICLE

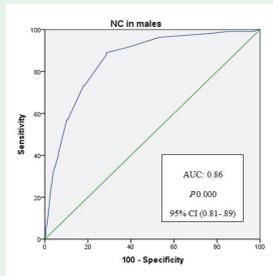
Beneficial effects of specific natural substances on oral health

Shaikh & Kumar considerable evidence suggests the potential of natural substances in the development of pharmaceutical preparations with a prophylactic or therapeutic role in oral diseases. Additional randomized and extensive clinical trials of the safety and efficacy of these agents are warranted. Positive findings from such studies will consolidate the evidence of the beneficial effects of natural substances on oral health available thus far.

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ORIGINAL ARTICLES

Neck circumference as a marker of obesity and a predictor of cardiometabolic risk among Saudi subjects

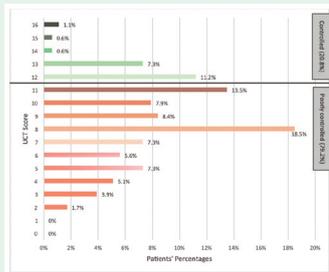


Receiver operating characteristic curves related to neck circumference and central obesity (waist circumference >102 cm) in males. Diagonal segments are produced by ties. NC - neck circumference

Alfadhli determine the optimal cutoff value for neck circumference (NC) that define overweight/obesity and assess its predictive potential for cardiometabolic risks (CMR) among Saudi subjects. They recruited 785 adults from a public health awareness campaign in Medina, Saudi Arabia during June 2015. The area under the curve for NC and WC in the ROC analysis was 0.86 for men and 0.77 for women, and NC \geq 39.25 cm for men and \geq 34.75 cm for women were the best cutoff levels for identifying subjects with central obesity with an 89% sensitivity and a 71% specificity for men and an 80% sensitivity and a 65% specificity for women. These cutoff levels for NC were associated with a significantly increased risk for diabetes, dyslipidemia, and hypertension.

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Chronic urticaria in most patients is poorly controlled. Results of the development, validation, and real life application of the arabic urticaria control test



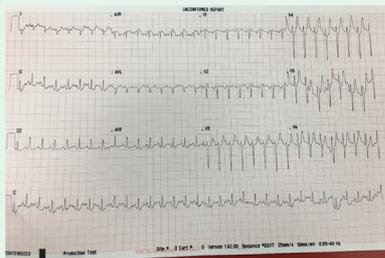
Percentages of patients according to their urticaria control test (UCT) score. Patients under 12 have an uncontrolled urticaria, while patients with a UCT score of 12 or more have a controlled disease

Irani et al translate and linguistically validate the urticaria control test (UCT) to/for Arabic speakers. No Arabic version of the UCT is available to assess disease control in patients with chronic urticaria (CU). Secondary objectives were to assess disease control in Lebanese CU patients and determine influence factors. Most patients in this study had chronic spontaneous urticaria (96%), of which 19% also had inducible urticaria. The majority was <40 years (67.4%), with disease duration of <2 years (70.8%). Most patients used H1-antihistamines, but unfortunately, 34.3% used systemic glucocorticosteroids, of which 24.7% also used H1-antihistamines.

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CASE REPORT

Fatal butane toxicity and delayed onset of refractory ventricular fibrillation



Electro cardiogram of patient demonstrating sinus tachycardia

Almulhim presents a 30-year-old male to the Emergency Department (ED) by the Emergency Medical Services (EMS). He was found unconscious but breathing normally, and had a seizure for more than 30 minutes. He was no previous history of systemic disease, previous operation, medication and any known allergy. Laboratory investigation indicates acute renal failure, high levels of creatinine kinase (1700 U/L), indication of tissue damage, especially myocardium and muscle tissue. Computed tomography of the brain shows mild brain edema.

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