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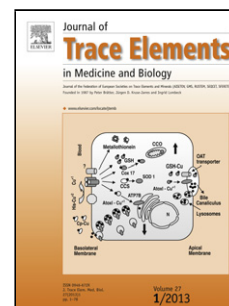
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Original research article:

Trace elements profile is associated with insulin resistance syndrome and oxidative damage in thyroid disorders: Manganese and selenium interest in Algerian participants with dysthyroidism

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Abbreviations: HGD, Hyperthyroidism with Grave's Disease; SCH, Sub Clinical Hypothyroidism; OH, Overt Hypothyroidism; Anti TPO-Ab, Anti Thyroperoxidase antibodies; ATE, Antioxidant Trace Elements; BMI, Body Mass Index; HOMA-IR, Homeostasis Model Assessment of insulin resistance; OS, Oxidative Stress; IRS, Insulin Resistance Syndrome; ROS, Reactive Oxygen Species; WC, Waist Circumference; SBP, Systolic Blood Pressure; DBP, Diastolic Blood Pressure; HR, Heart Rate; Hs-CRP, High sensitive C-Reactive Protein; fT4, free Tetra iodothyronine; fT3, free Tri iodothyronine; TSH, Thyrotropin Stimulating Hormone.

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