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Author: Rasha M. Hussein

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Original article

Biochemical relationships between bone turnover markers and blood glucose in patients with type 2 diabetes mellitus

Rasha M. Hussein, PhD

Department of Biochemistry, Faculty of Pharmacy, Beni-Suef University, Salah Salem Street, 62511, Beni-Suef, Egypt

Corresponding author: Rasha M. Hussein, PhD, Department of Biochemistry, Faculty of Pharmacy, Beni-Suef University, Salah Salem Street, 62511, Beni-Suef, Egypt. Tel.: 002 01200136515; Fax: +20-82-2317-958

Email: rasha.hussein@pharm.bsu.edu.eg

Abstract

Introduction: Patients with type 2 diabetes mellitus develop many complications including osteopenia, which is associated with high fracture risk. Osteocalcin is a non collagenous protein derived from the osteoblasts. Recently, it was found that osteocalcin enhances the pancreatic beta cell proliferation, insulin secretion and protection against type 2 diabetes.

Objective: Investigation of the association of serum osteocalcin and other bone turnover markers with blood glucose level and diabetes mellitus duration in type 2 diabetic patients.

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