31ª SEMANA CIENTÍFICA DO HOSPITAL DE CLÍNICAS DE PORTO ALEGRE

ADIPONECTIN PROTECTS AGAINST METABOLIC SYNDROME BY ITS MODULATION OF BODY FAT DISTRIBUTION, LIPID AND GLUCOSE METABOLISM

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Body: Adiponectin, a hormone expressed in the adipose tissue, has insulin sensitizer properties. Objective: to cross-sectionally examine the relationship of adiponectin with metabolic syndrome (MS) in consecutive patients of the Endocrine Clinic of Hospital de Clínicas de Porto Alegre. Methods: Patients (n=117; age 53.3 ± 11.5 years, mean±SD, women 75.2%, MS rates 77%) submitted to a protocol including a 2-h 75g glucose tolerance test were classified as having normal glucose tolerance (NGT), prediabetes or diabetes (DM). MS was defined by at least 3 of the following: hypertension, low HDL and/or high triglycerides levels, hyperglycemia and high waist circumference. Results: Adiponectin levels were lower in patients with MS than in those without MS (10.3 [7.1-13.0] vs 15.5 µg/mL [9.7-22.7], median [9.7-22.7], median [9.7-22.7], realized by a protocol in those with DM (9.7-22.7) or prediabetes (9.7-22.7), realized by a protocol in the protoc