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Prospective Study

Association of adiponectin gene polymorphisms with knee osteoarthritis

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Abstract

AIM: To investigate the possible relationship of adiponectin (ADIPOQ) gene polymorphisms, plasma adiponectin, and the risk of knee osteoarthritis.

METHODS: A total of 398 subjects, 202 knee OA patients and 196 healthy individuals, were enrolled in the case-control study. Genotyping at +45T/G (rs2241766) and +276G/T (rs1501299) loci was performed using polymerase chain reaction-restriction fragment length polymorphism. Plasma adiponectin levels were assessed using enzyme-linked

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