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Distribusi pola polimorfisme leptin G-2548A pada pasien dengan dan tanpa osteoporosis = Pattern distribution polymorphism leptin G-2548A in human with and without osteoporosis

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Abstrak

[ABSTRAK
Penelitian ini bertujuan untuk menganalisis distribusi pola polimorfisme gen LEP G-2548A pada pasien dengan dan tanpa osteoporosis. Seratus sampel terdiri dari pasien dengan osteoporosis (50 sampel) dan pasien tanpa osteoporosis (50 sampel). Polimorfisme gen LEP G-2548A dianalisis menggunakan metode PCRRFLP. Perhitungan distribusi genotip dan alel pada kedua kelompok menggunakan uji Fisher. Frekuensi alel A dan genotip AA gen LEP G-2548A pada pasien osteoporosis berisiko meningkat dibandingkan pada pasien tanpa osteoporosis. Genotip LEP G-2548A pada pasien dengan dan tanpa osteoporosis memiliki hubungan tidak berbeda bermakna (p = 0,191). Distribusi pola polimorfisme gen LEP G-2548A berisiko meningkat pada pasien dengan osteoporosis
ABSTRACT
The aim of this study was to analyzed pattern distribution polymorphism LEP G-2548A in patient with and without osteoporosis.One hundred samples consist of patient with and without osteoporosis.Genetic polymorhism LEP G-2548A were analyzed by PCR-RFLP methods.The calculation of the distribution of genotypes and alleles in both groups using Fisher test.The frequency of A allele and AA genotype LEP G-2548A gene presented increased risk in patient with osteoporosis.Statistical analysis of LEP G-2548A gene using fisher test between patient with and without osteoporosis showed no significant differences (p=0,191).Distribution of leptin gene G-2548A polymorphism pattern presented increased risk in patient with osteoporosis;The aim of this study was to analyzed pattern distribution polymorphism LEP G-2548A in patient with and without osteoporosis.One hundred samples consist of patient with and without osteoporosis.Genetic polymorhism LEP G-2548A were analyzed by PCR-RFLP methods.The calculation of the distribution of genotypes and alleles in both groups using Fisher test.The frequency of A allele and AA genotype LEP G-2548A gene presented increased risk in patient with osteoporosis.Statistical analysis of LEP G-2548A gene using fisher test between patient with and without osteoporosis showed no significant differences (p=0,191).Distribution of leptin gene G-2548A polymorphism pattern presented increased risk in patient with osteoporosis, The aim of this study was to analyzed pattern distribution polymorphism LEP G-

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