

Genetic susceptibility to hip arthroplasty failure-association with the RANK/OPG pathway

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It has belatedly come to the authors' attention that an inadvertent error in data manipulation has led to an erroneous association between OPD-163 and hip arthroplasty failure.

The raw data have now been re-examined and Table 1 now should read as follows:

The previously specified association between RANK +575 and aseptic failure remains unchanged.

The authors apologise for this error.

Table 1 SNP allele and genotype frequencies in controls, aseptic and septic THA failures (numbers in parentheses)

SNP	Control	Aseptic	Septic
OPG-163			
Number of subjects	150	91	63
Allele frequency			
A	0.83 (249)	0.87 (158)	0.86 (108)
G	0.17 (51)	0.13 (24)	0.14 (18)
Genotype frequency			
A/A	0.71 (106)	0.76 (69)	0.73 (46)
A/G	0.25 (38)	0.22 (20)	0.25 (16)
G/G	0.04 (6)	0.02 (2)	0.02 (1)
OPG-245			
Number of subjects	149	91	62
Allele frequency			
T	0.91 (270)	0.92 (167)	0.95 (118)
G	0.09 (28)	0.08 (15)	0.05 (6)
Genotype frequency			
T/T	0.81 (121)	0.84 (76)	0.90 (56)
T/G	0.19 (28)	0.16 (15)	0.10 (6)
G/G	0	0	0
OPG+1181			
Number of subjects	147	89	62
Allele frequency			
C	0.56 (166)	0.54 (96)	0.57 (71)
G	0.44 (128)	0.46 (82)	0.43 (53)
Genotype frequency			
C/C	0.29 (43)	0.31 (28)	0.39 (24)
C/G	0.54 (80)	0.45 (40)	0.37 (23)
G/G	0.17 (24)	0.24 (21)	0.24 (15)
RANK+575			
Number of subjects	144	85	62
Allele frequency			
C	0.82 (154)	0.39 (67)	0.57 (71)
T	0.18 (34)	0.61 (103)	0.43 (53)
Genotype frequency			
C/C	0.31 (44)	0.13 (11)	0.35 (22)
C/T	0.46 (66)	0.53 (45)	0.44 (27)
T/T	0.23 (34)	0.34 (29)	0.21 (13)

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