

Biostatistics :

Sample Size Calculation: A power analysis was conducted using G*Power (v3.1.7). The targeted population in our survey and each patients was invited to take part in the survey via form in the orthopedics clinics. Based on the targeted population, we used a 95% confidence level with a margin of error of 5 % and the minimum sample size was calculated to be 1068. The study was completed with 1890 participants.

Statistical analysis was performed using NCSS (Number Cruncher Statistical System) 2007 (Kaysville, Utah, USA). Data were analyzed using descriptive statistics (mean, standard deviation, median, frequency, rate, minimum, maximum) whereas qualitative data were compared using the Pearson chi-square test, Fisher Freeman Halton test and Yates' continuity correction test (Yates corrected chi-square). P values of <0.01 and 0.05 were considered statistically significant.

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