

Biostatics statement:

An expert in Biomedical Statistics (K.H.) evaluated the statistical methods used in the study following points: (1) Statistical methods are adequately and appropriately described when they are used to verify the results; (2) Whether the statistical techniques are suitable or correct; (3) Only homogeneous data can be averaged. Standard deviations are preferred to standard errors. The number of observations and subjects (n) is given. Losses in observations, such as drop-outs from the study, are reported; (4) Values, such as ED50, LD50 and IC50 have the 95% confidence limits calculated and have been compared by weighted probit modeling (using the functions described by Bliss and Finney); and (5) The word "significantly" is replaced by its synonyms (if it indicates extent) or the P value (if it indicates statistical significance). Statistical data should be expressed as mean \pm SD or mean \pm SE. Common statistical expressions contain t-test is expressed as t; relative coefficient is expressed as r; number of samples is expressed as n; and probability is expressed as P.

Associations among pain catastrophizing, muscle strength, and physical performance after total knee and hip arthroplasty

Hayashi K et al. Pain catastrophizing after TKA and THA

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