Effects of Diaphragm Muscle Therapy on Pain and Shoulder Movement in Subjects With Rotator Cuff Injuries

Unique Protocol ID: UComplutenseMadrid Fasisifer1

Official Title: Effects of Diaphragm Muscle Therapy on Pain and Shoulder Movement in Subjects With Rotator Cuff Injuries

Investigator: Isidro Fernández López

Sponsor: Universidad Complutense de Madrid

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STATISTICAL ANALYSIS PLAN

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STATISTICAL ANALYSIS PLAN

First, a global descriptive analysis will be conducted in all of the three clinical trial arms considering every assessable individual. Second, the homogeneity between the three groups will be analyzed, proceeding a n/2 homogeneity preanalysis. Finally, an analysis will be conducted comparing the resulting variables of all of three groups, it is expected a descriptive study using the software package SPSS statistics. The results will be evaluated with the description of the mean, standard deviation and quartiles if a normal distribution is present; attaching the median value and interquartile range if an asymmetric distribution is present. The qualitative variables will be assessed in frequency and percentage. In the analytical phase, the valid statistical tests will be used according to the comparing variable (Chi square, t-student, ANOVA or their non parametric variants if applicable. In order to stimate the magnitude of the effect, the risk relative reduction, the risk absolute reduction and the sample size needed will be calculated.