

Editorial Comment:

" Bobath versus Proprioceptive Neuromuscular Facilitation in retraining of balance and Functional Independence in Activities of Daily Living"

The following responses have been prepared to address accomplishment of the reviewers' comments in a point –by-point fashion.

General Comments

Comment: "This manuscript is actually Intervention study which shows the report of Bobath versus Proprioceptive Neuromuscular Facilitation in retraining of balance and Functional independence in activities of daily living. The retrospective study was able to demonstrate and measure to identify the comparison efficacy of bobath versus PNF. In this respect the significant scientific manuscript is interesting and could be accepted for publication after minor revision taking into consideration the following points."

Headings

The title of the manuscript is not appropriate as the efficacy in condition of stroke population is been done but not included in the title

Introduction

1. What is the objective of the study?. Kindly clear it

Methodology

2. Which type of stroke included/considered for this study?
3. Sampling procedure which was not very clear
4. Why both genders where not equally distributed
5. As per manuscript which shows treatment application only 2 days week/12 weeks. which is good enough for treatment delivery.
6. Why you have not considered same age group of population

Results and Discussion

7. Which statics tool used to compare the outcomes of this study

Bibliography

8. Why the assessment chart which is not enclosed?
9. What is the conflict of interest?

I really appreciate this scientific manuscript which asses the efficacy between PNF and Bobath for the management of stroke population. I really appreciate the investigator which he used appropriate outcomes of BBS and BI.I really appreciate the findings of the study which shows, treatment protocols unique application for the management of stroke.

Author feedback:

Title: Comparative Efficacy of Bobath and Proprioceptive Neuromuscular Facilitation in retraining of balance and Functional Independence in Activities of Daily Living

Objective: To determine the comparative efficacy of Bobath and proprioceptive neuromuscular facilitation in retraining of balance and functional independence in activities of daily living.

Which type of stroke included/considered: No particular type of stroke was considered in this study. Individuals with ischemic or hemorrhagic participated in the study. We however acknowledge the omission of stroke type as a limitation to the study as this could have modulating effect on the outcome variables.

Sampling procedure: Participants were conveniently sampled, while simple random method was used to allocate participants into the study group.

Sample size: Using Cohen's power table, a minimum sample size of 46 (23 per group) was used to detect an effect size of (d) of 1 at power (1- β) of 0.9 and level of significance (α) of 0.05 (Cohen, 1998).

Gender distribution: Distribution of gender was not significantly unequal (different) between the groups as shown by the chi-square test ($P=0.50$).

In this setting, twice-a-week visit was commonly obtained. Patient factors such as convenience, distance, affordability of treatment, and therapists' workload were all considered, as the study took place in a teaching hospital.

Age group: While the age distribution (group) was marginally unequal between the groups, it satisfied statistical rule of no significant difference, with a P-value close to 0.5, and greater than 0.05.

Test statistic: One sample t-test was used to compare gains in balance and functional independence in ADL with the hypothetical clinical important differences. Analysis of Variance was used to test consistency of the effect of each of Bobath and PNF on functional Independence and balance. Independent T-test was used to compare effect of Bobath and PNF on PNF on functional Independence and balance.

Bibliography:

Assessment chart: I am not sure I understood what you mean by assessment chart. If it were to mean flow chart describing the study from recruitment to finish, then we have included one. If it refers to the initial assessments and post-treatment evaluation done in this study, then we have provided information about the methods and scales used in the text. We have also included the scales.

Conflict of interest: The authors declare there was no conflict of interest.