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Bundle of Care for Improved Walking among Geriatric Clients with Gout Arthritis

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Research Description: The researchers have chosen Gout Arthritis as the main disease to be focused on, since Gout Arthritis frequently involves the joints in the lower extremities, causing pain, swelling and redness, resulting to difficulty in walking.

The researchers used quasi-experimental quantitative method in conducting the study. The Pretest-Posttest Design was used. For the Pretest, the respondent's mobility was tested using the Timed Up and Go (TUG) Test, without administering the Bundle of Care. Then once the treatment was done daily, the researchers again conducted the TUG Test, to discover if the Bundle of Care has been effective, making this the Posttest procedure.

Results and Conclusions: Effectiveness of the Bundle of Care in Improving the Walking Ability of the Geriatric Clients with Gout Arthritis

In the 1st Week, there was an average completion time of 18.0000 seconds. While in the 2nd Week, there was an average completion time of 17.4667 seconds. For the the 3rd Week, there was an average completion time of 16.7667 seconds. And in the 4th Week, there was an average completion time of 16.1000 seconds. Lastly, in the 5th Week, there was an average completion time of 15.1667 seconds.

To determine if the mean differences are statistically significant, one-way analysis of variance was applied. Result shows that there is a computed F-value of 2.686 with a p-value of .034. Since the p-value of .034 is less than the alpha at .05 level, the null hypothesis is rejected. This means that there is a significant difference in the weekly results of the Timed Up and Go Test among the geriatric clients. As observed in the average completion time, there is a gradual decrease from week 1 to week 5, signifying that there was significant progress observed in the walking ability of the geriatric clients.

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