CREATIVE EXPRESSION INTERVENTION FOR OLDER ADULTS WITH SUBJECTIVE MEMORY COMPLAINTS: THE USE OF TIMESLIPS TO IMPROVE QUALITY OF LIFE

BY

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Abstract

This research study investigates the application of TimeSlips (TS) with individuals with Subjective Memory Complaints (SMC). TS is primarily used with individuals with denormina and it has been shown to invesse the quality of life for individuals with denormina TS with individuals with SMC was predicted to invesse quality of life and decrease depression symptoms and memory complaints. Participants completed quality of life, depression symptoms, and memory assessments before and after five weeks of one hour sessions of TS. No significant results were found to support the hypothesis. One significant conclution was found between lower attendance rates and higher depressive symptoms ones. The results were influenced by varying attendance rates and as nall sample size. Future research is necessary in an alternate setting with more consistent attendance opportunities.

As noted above, individuals with SMC, MO, and AD often have diminished quality of life and noted accident and agreement. To have shown access in improving overall life satisfaction for individuals with charactical however, research has not yet tested the efficacy of To in improving quality of life for individuals with SMC (Frits chetal., 2009). The purpose of this study is to test whether To can be effective in improving life satisfaction in individuals with SMC. One hypothesis is that To intervention will increase quality of life of individuals with SMC. The second hypothesis is the intervention will lower symptoms of depression in individuals with SMC. The third hypothesis is the intervention will decrease menory complaints in individuals with SMC.

Method

Participants

The first research arrouncement appeared in the February 2018 edition of the Stockton Center on Successful Aging's (SCOSA) eneweletter; which is distributed to 1050 individuals as well as to Stockton staff and faculty (about 1100). In addition, an email invitation was sent to 155 individuals in SCOSA's Research Study Participant Pool who had previously expressed interest in participating infuture research projects conducted by Stockton faculty and students under their supervision Of 155 individuals and is list, 19 emails can elack as under twee the Amemail invitation was also extended to a moderated Listsery of Stockton University Retiress maintained by Stockton University Retiress Association (SURA) with a total of 180 recipients. Finally, an item was placed in the Community Calendar of the Press of Atlantic City reverpees.

Interested participants were instructed to either register via an ordine survey or to call the offices of SCOSA. A total of 19 participants initially registered for the program All participants

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the study. Two other participants dependent older to lack of interest, noting that they were expecting something a bit different. One participant was unable to attend sessions due to medical reasons.

A snow storm the day before the first session also led to some people who interchal to participate to back out.

For the sample participants, six participants were female, and one participant was make.

The average age of the participants was 73 years old. Four participants were windowed. Two participants were manifed, and one participant was divorced. Most participants' highest level of education was highest hold. One participant completed some highest hold. One participant.

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subcales (r=-028 and-026) respectively, bothp<.01) (Ossher, Flegal, & Lustig 2012).

EMQR is valid and internally reliable with adequate conclutions between individual items and the total score EMQR is a useful measure for a wide range of participants to measure individual proeptions of menory abilities, and this assessment is more likely to be used inclinical practice than EMQ(Royle, & Lincoln, 2009).

The Geriatric Depression Scale - Strut (CDS) is a 15 itemself-report assessment which measures depression symptoms. This scale has shown sensitivity to assess depressive symptoms include a cults with mild cognitive impairment (Consulson, Rosenthi), Litthand, Gustafson, Closson, & L. titetety on it gn osenthu iiš ehnyr dQtN man cep

Procedure

This experiment used a within subjects repeated measured sign. This experimental design was used based on the number of participants in the study. To intervention was the implement variable. The deplet the variables were memory complaints, symptoms of deposition, and levels of quality of life. All participants received the intervention comprised of five one hours essions over a 5 week period, and all participants completed subjective memory, deposition symptoms, and quality of life question raises before the first week session and after the fifth week session.

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Results

DatawaeentaedinStocktonUniversity's latest version of Statistical Package for Social Sciences (SPSS) software for data analysis

Rawscoes for all measures were entered into SPSS. WHOQOL-OLD was recorded to the transformed score in SPSS according to the WHOQOL-OLD Module Manual (2006). The GDS and EMQ scores did not require recording or transforming. Three paired treats were conducted to compare pre-test and post-test scores for the EMQ R, GDS, and transformed WHOQOL-OLD.

Bivaiate conditions were calculated exploring the relationship among scores on each measure. Difference scores (pre to post) and measures were computed by subtracting the post test from the pre-test scores. There was a positive condition between run ber of attended sessions and charge in GDS scores (= 0881, = 7, = 0009) such that the muse sessions attended the lower the participant's depression level. There was no statistically significant condition between run ber of attended sessions and charge in WHOQOL-OLD scores (= .589, = 6, = 0.219) or between run ber of attended sessions and charge in EMQR (= .0240, = 7, = 0.604).

post test, and EMQR pre test. Of the seven participants, or eparticipant had significant missing data for a post test measure. The conclusions between number of attented sessions and difference of EMQR and number of attented sessions and difference of WHOQOL OLD scores both had small effect sizes with insignificant conclusions.

Although this study didnot find the statistically significant results that were expected drags in several individual participants' scores showed the drags that were predicted. For example, most participants showed higher quality of higher examples after participation in the program. The results were limited due to experimental design and sample size contributing to the study's inchility to yield the hypothesize dresults. A repeated measure within subjects was necessary to use for this experiment due to the small sample size. A control group would have been utilized if the sample size was higher. A greater number of Time Ships sessions may have yielded significant results.

Future research on TimeSlips with populations of territarith sewith significant reaccegnitive impairment will unbulkedly appear in the literature and has the potential to generate significant results. Impost studies, TimeSlips storytelling with individuals with denertial has shown to engage creativity, but TimeSlips storytelling with individuals with SMC may engage creativity and encurage analytic thrught processes (Fitschet al., 2009). In the current study, participants in corporated doscure badge undertails to make inferences about photos including the season and time period. Session two of the intervention, the photo in Figure 4 was presented. An educated assumption of the location and time period was predicted by the language of the police sign. The shoestyle of the mandar ting with the larly in the larguage of the photo led participants to predict the photowas taken recently. Future research could contine TS intervention with detailed photos and elements of memory arcognition.

inpovement interventions. The integration of social engagement of TS and cognitive benefits of

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ApperdixA

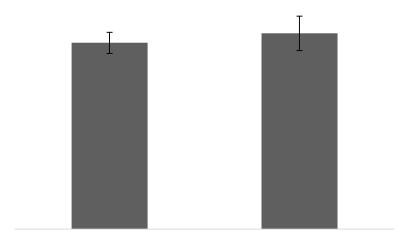


Figure 1

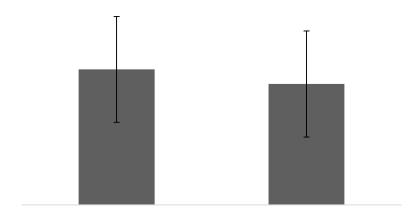


Figure 2

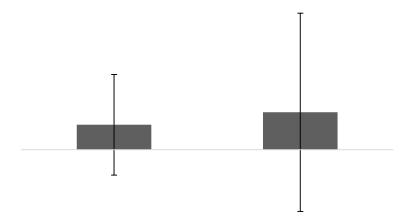


Figure3

