

ABSTRACT

THE EFFECT OF CEKI CARD GAME THROUGH COGNITIVE FUNCTION AND REDUCTION OF FRONTOTEMPORAL DEMENTIA SYMTOMPS ON ELDERLY IN MADIUN REGENCY

Quasy Experiment

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Frontotemporal dementia were form of dementia caused by a family of brain disease known as frontotemporal lobar degeneration (FTLD). Many early possible symptoms could result, included strange behaviors, inability to control emotion, and difficulties in concentration. This study aimed to examine influence of Ceki card game, a traditional game, as reminiscence therapy on cognitive function and reduction of frontotemporal dementia symptoms in Balerejo village.

This study was a quasy-experimental using pretest-posttest control group design. The population was people at age of 60-74 (elderly) in Balerejo village with 14 respondents in total. Data were collected by questionnaire and observation then analized with significance of $< 0,05$ Wilcoxon sign rank test and Mann Whitney U test.

Results showed that Ceki card game has an effect on treatment group by improve cognitive function ($p=0,011$), judgement ($p=0,020$), emotion ($p=0,005$) and concentration ($p=0,007$) respectively. The statistical analysis showed that there were differences in posttest result of treatment and control group on cognitive function ($p=0,006$), judgement ($p=0,018$), emotion ($p=0,014$) and concentration ($p=0,001$).

Ceki card games would stimulate long term memory because respondents could remember their past by played this game. The process of reminiscence involve recalled, recollected, and re-experienced of one's life events. The mediums could assist the act of remembering used visual and kinesthetic. Ceki card games also lead to strengthened social relationship and friendship among elderly within the group.

Keywords: frontotemporal dementia, ceki card game, reminiscence