

THE DIFFERENCES FINE MOTOR DEVELOPMENT ON PRESCHOOL CHILDREN THROUGH COLLAGE AND CLAY ART THERAPY

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ABSTRACT

Introduction: Fine motor development is important and must be given some attentions. Collage and clay are kind of the art therapy that can be used to improve fine motor development in preschool children. The purpose of this study was to analyze the differences in fine motor development on preschool children through 2-dimensional art therapy by using collage and 3-dimensional art therapy by using clay in PG Islam Maryam Surabaya. **Method:** This study was pre-experimental design with one group pre-posttest design. The populations were all of the students in PG Islam Maryam Surabaya were 19 students. Total sample were 14 students taken according to inclusion criteria which consist of 7 students for Collage art therapy and 7 students for Clay art therapy. The independent variables were Collage and Clay art therapy. The dependent variable was fine motor development. Data were analyzed by using Wilcoxon Signed Rank Test and Mann-Whitney U Test with significance level $\alpha=0.05$. **Result:** The result showed that there is no difference in children's fine motor before and after the collage art therapy given ($p=0.157$), there is difference in children's fine motor before and after the clay art therapy ($p=0.046$), also there is no difference in children's fine motor after collage and clay art therapy are given ($p=1.000$). **Discussion and Conclusion:** It can be concluded that both of collage art therapy and clay art therapy can improve fine motor development of preschool children. However, Clay art therapy has more effect for increasing fine motor development of preschool children. Clay has a soft texture and it is possible for children to squeeze, pinch from the dough. These activities are useful to stimulate the flexibility of smooth muscles of the fingers. Further studies should involve larger respondents to obtain more accurate results.

Keywords: *art therapy, clay, collage, fine motor development, preschool children*