

## ABSTRACT

**Nabilah, Talitha Alya. 2025. *Differences in Fine Motor Skills of Preschool Children Stimulated Using Paint by Number and Finger Painting at TK Dharma Wanita Persatuan 1 Kepuharjo. Undergraduate Thesis. Bachelor of Applied Midwifery Program, Politeknik Kesehatan Kemenkes Malang. Main Supervisor: Ibnu Fajar, SKM., M.Kes.***

Fine motor development problems in preschool children are still commonly found, mainly due to the lack of structured stimulation appropriate to their developmental stage. This condition can hinder children's independence and readiness to face the learning process at the next educational level. This study aimed to determine the difference in the effectiveness of the paint by number and finger painting methods in improving fine motor skills among preschool children at TK Dharma Wanita Persatuan 1 Kepuharjo. This research used a quasi-experimental design with a two-group pretest-posttest approach. The sample was selected using total sampling on children who met the inclusion criteria. The intervention was carried out twice a week for two weeks. The instrument used was the PDMS-2 (Peabody Developmental Motor Scales-2), and the data were analyzed using the Wilcoxon Signed Rank test and the Mann-Whitney test. The results showed that both methods significantly improved children's fine motor skills. However, paint by number was proven to be significantly more effective than finger painting ( $p = 0.003$ ). In conclusion, the paint by number method is superior in enhancing hand-eye coordination and accuracy, making it a more appropriate option for stimulating certain aspects of fine motor development in preschool-aged children.

**Keywords:** fine motor skills, preschool children, paint by number, finger painting, stimulation