

Stimulation for Fine Motor Development of Children Through The Active Role of Parents in Palang Sub-district, TubanWahyuningsih Triana Nugraheni¹ (corresponding author), Teresia Retna Puspitadewi², Binti Yunariyah³¹Department of Nursing, Health Polytechnic of Surabaya, Indonesia (heniku@gmail.com)²Department of Nursing, Health Polytechnic of Surabaya, Indonesia³Department of Nursing, Health Polytechnic of Surabaya, Indonesia

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ABSTRACT

The purpose of this research is to determine the provision of stimulation the fine motor development of children aged 4-5 years through the role of active parents in Palang Sub-district, Tuban. The population of this research was all the parents who have children aged 4-5 years in the kindergarten in Palang Sub-district, Tuban, with population size of 300 people. The sample size were 169 respondents. The sample were selected by using proportionate stratified random sampling. The independent variable was the role of parents in stimulation and the dependent variable was the fine motor development of children. Data of the role of parents were collected by using questionnaires and data of fine motor development were collected by using KPSP (development pre-scening questionnaire). The data were analyzed by logistic regression test. The role of the parents as the model with p-value of 0.662, gives the opportunity to learn with p-value of 0.211; give the opportunity to practice with p-value of 0.222, motivation with p-value of 0.650 and guidance with p-value of 0.063. The 5 variation of the role of parents had no significant effect on the stimulation of smooth motor development of children aged 4-5 years.

Keywords: role of the parents, stimulation, fine motor development**INTRODUCTION**

Stimulation is an attempt to educate the child, stimulation should be done as early as possible, even since in the womb. The stimulation that given to the child should be proportional, both in quality and quantity and in accordance with the level of maturation of the nervous child⁽¹⁾. In Palang Sub-district, there are 10 kindergartens which numbered 400 students. The result of preliminary study in RA Nurul Huda, Ketambul Village, Palang Sub-district on February 4 2017, the development of 12 children were appropriate and 8 children were unappropriate (6 children were in fine motor development, 2 children in socialization and independence development). The development of smooth motor influenced by two factors, namely the internal factor such as genetic, motivation to learn, health, nutrition and opportunity to learn; and the external factors such as knowledge of parents, education of parents, attitude, family, social economic, social culture, environment, health and parenting⁽²⁾. Children who got stimulation are directed from parents will be rapidly involving compared to the children who do not get stimulation⁽¹⁾. The lack of stimulation could cause aberration in development of children even interference that settled. Disturbances in fine motor can cause of difficulties to learn to the children⁽²⁾. Stimulation can creating a smart children, thriving optimally independent as well as having stabilisation emotions and can adapted⁽³⁾. Therefore, stimulation is very important at the aged 4-5 in their first year (golden age) because it can create children who have a good personality, intelligence, independent and good in productivity⁽⁴⁾.

One of the effort to optimizing the development of smooth motor of children is to improve the role of parents in the provision of the stimulation motor skills, the role of the parents in this case are given agood model, opportunity to learn and practice, motivation, and guidance.

METHODS

The population of this research was all the parents who have children aged 4-5 years in the kindergarten in Palang Sub-district, Tuban, with population size of 300 people. The sample size were 169 respondents. The sample were selected by using proportionate stratified random sampling. The independent variable was the role of parents in stimulation and the dependent variable was the fine motor development of children. Data of the role of parents were collected by using questionnaires and data of fine motor development were collected by using KPSP (development pre-scening questionnaire). The data were analyzed by logistic regression test.

RESULTS

Based on table 1 it is known that all variations of the family role had a p-value greater than 0.05; so that it was interpreted that all of these factors did not significantly influence the stimulation of children's fine motor development.

Table 1. The active role of the parents in stimulation of fine motor children development

No.	The role of the parents	Category				Total		p-value
		Good		Less		n	%	
		f	%	f	%			
1.	Model	103	60.9	66	39.1	169	100	0.662
2.	Opportunity to learn	130	76.9	39	23.1	169	100	0.211
3.	Opportunity to practice	132	78.1	37	21.9	169	100	0.222
4.	Motivation	139	82.2	30	17.8	169	100	0.650
5.	Guidance	136	80.5	33	19.5	169	100	0.063

DISCUSSION

The results of research show that all variation of the role of the parents there no influential in stimulation of fine motor development of children aged 4-5 years. Fathoni⁽²⁾ stated that fine motor development has two factor, namely internal factor, such as genetic, motivation to practice and to learn, health, nutrition; and external factor such as knowledge of parents, education of parents, attitude family, social economic, social culture, environment, health worker and parenting.

One of the effort to optimizing the fine motor development of children is improve the role of the parents in the provision of stimulation smooth skill so it doesn't happen the aberration development of the child even interference that settled.

Disturbances in the development of fine motor of children will hamper in learning process in school and can cause a variety of behavior such as lazy wrote, reduced the interesting of learn, the child feel inferior in the environment.⁽⁵⁾

Hurlock⁽⁶⁾ stated that motor skills are not going to develop through the maturity, but it can develop from learning. As the conditions is important in learning smooth motor skill that are affected by the readiness to learn, to study, opportunity to practice agood model, guidance, motivation, the individual in practice smooth motor and skills that learn one by one. Munandar⁽⁷⁾, stated that some of the factors determining how parents attitude that can give directly affect for children development such as (A) freedom, parents who believe and give the freedom to their children is likely to have a creative child, (B) respect, parents respect them as individuals, (C) the closeness of emotions, (D) achievements, (E) parents who are active and independent (F) appreciate the creativity.

The five roles can give a positif effect according the Hurlock theory, if they do that together, they can reach an optimally of smooth motor development, like the role of parents as a model, the parents should give the opportunity to their children to learn and practice the smooth motor skill as their parent do. In mastering the skills of smooth motor, the child not fully require the parents guidance, don't give assistance to children if they are able to do it because it is learned through practice. Motivation and guidance from parents is needed to growing their confidence and pleasure to master the learning skills.

The five variations of the role of the parents do not give many effect in stimulation of fine motor development of children aged 4-5 years because the important things in stimulation are warmth, attention and sincere love that parents give because stimulation can also serve reinforcement which is beneficial for the development of the child.

CONCLUSION

There are not effect of model, opportunity to learn, opportunity to practice, motivation and guidance on the the stimulation of fine motor development of children. The possibility is that the role performed by the parents is not optimal.

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