

ABSTRACT

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The Djembe Percussion Training Impact for ASD Children Developmental Gross Motor Skills, (Dr. Monty P. Satiadarma, MS/AT, MCP/MFCC, DCH., Psikolog) Undergraduate Program, Psychology, Tarumanagara University. (35 page+P1-3, L1-4)

ASD is derived from the word auto that means alone. ASD (Autism Spectrum Disorders) is a developmental disorder that is thoroughly disrupt cognitive function, emotional, and child psychomotor. Children Motoric developmental in general is normal, and others experienced developmental delays. This delay can occur in one or more fields, such as problems on gross motor skills. ASD children gross motor reactions is excessive due to ASD children perception receives completely different to with the perception of normal children. ASD children tend to not perform various activities normally that requires skill and good motoric coordination. Children gross motor skills need to be trained because gross motor skills can affect to fine motor skills which is the end goal can improve aspects of the child's life. Gross motor movements require energy, coordination, and accuracy. Playing music can help the developmental and coordination of motor skills. The rhythmic motion is used to develop the physiological range, combining mobility/agility/strength, balance, coordination patterns of breathing, and muscle relaxation. ASD children is hard to use the left part of theirs brain, so the music really helps ASD children, because music is directly related to the activity of the right brain. Playing musical instruments which is not pitched percussion namely, djembe. Djembe percussion very helpful in develop of gross motor ASD children. Researchers choosed and used research nonrandomized pretest-posttest control group design. The obtained data were analyzed using the Wilcoxon test, to calculate the value of Z obtained - 1.913 and $p = 0.056 > 0.05$. So we can conclude there is no significant difference on the developmental gross motor ASD children between the experimental group and a control group after being given training djembe percussion.

Keywords: Development, Gross motor, Autistic Children, djembe