

## The Influence of Reading The Quran on Speech Development Cerebral Palsy

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### KEYWORDS

CP, reading, Quran

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### ABSTRACT

Children with special needs in terms of physical and motor are known as disabilities. Judging from the function, there are two groups of people with disabilities, namely: orthopedic disabilities, and neurodisabilities. The purpose of the study is to find out influence of reading the quran on speech development cerebral palsy. The image of a neuro-impaired child is very easily a child with cerebral palsy. Cerebral palsy or commonly abbreviated as CP has three levels of conditions, which are severe, moderate, and mild CP. The author discusses matters related to reading the Quran to the development of cerebral palsy speech. Aims to expose the influence of Reading the Quran on objects. The results of the discussion will explain the influence of reading the Quran on the development of cerebral palsy speech. The speech development of CP children can be helped by routine speech therapy. Talk therapy here is not just a place of therapy regularly

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### Introduction

Children with special needs are children who have barriers in terms of physical, mental, intellectual, and emotional. According to (Soetjningsih, 2010), children with special needs are children who have abnormalities or deviations from the average condition of normal children both from physical, mental, intellectual, social and emotional. Children with special needs in terms of physical and motor are known as disabilities (Farhah, 2016). Judging from the function, there are two groups of people with disabilities, namely: orthopedic disabilities, and neurodisabilities. An orthopedic disabled child is someone who has abnormalities in the upper limbs or lower limbs that can affect their normal function, such as in the bones, joints, and muscles. A neuroimpaired child is someone who has a nerve disorder in the brain that results in abnormalities (Kusumah, 2016).

The characteristics that are usually most visible in children with orthopedic disabilities lack the number of limbs. Children with orthopedic disabilities are also easier to adjust because children with orthopedic disabilities only need the help of tools in the form of wheelchairs, body crutches, and so on. Which can be used to aid in daily activities (Fajariyah, 2020).

In neurodeaf children, it is not uncommon for there to be accompanying or accompanying obstacles. Unlike deaf children whose accompanying barriers can be predicted, deaf children have speech impaired accompanying obstacles. But barriers in neuroimpaired children are random because no one can predict the damaged part of the brain, therefore a medical examination is needed. Medical examination that is usually done is CT-Scen, CT-scen serves to see part of the brain. After conducting a medical examination, it can be predicted the accompanying obstacles that neuroimpaired children have (Dewanti et al., 2016).

The image of a neuro-impaired child is very easily a child with cerebral palsy. Cerebral palsy or commonly abbreviated as CP has three levels of conditions, which are severe, moderate, and mild CP. CP children are in dire need of medical services up to education (Hermanto, 2006). From a medical point of view through routine therapy, so that CP children can live independently. It is undeniable that severe CP children will find it difficult to live independently but it does not hurt to develop their potential to the maximum (Hasan & Islam, 2020).

Life is a big challenge for CP children because CP children also have accompanying obstacles, the accompanying obstacles that most CP children have are communication or intellectual. Communication has a very important role in human interaction can be called social interaction (Karim et al., 2021). There are two types of communication that can be used in social interaction, namely verbal and non-verbal communication. However, people prefer to communicate verbally because they feel more effective and efficient. Verbal communication uses the mouth as a tool and language as an introduction. By combining mouth and language can produce speech, speech can cause social interaction. The ability to interact socially is closely related to independent living (Zakiah, 2015).

In Indonesia, the majority of people adhere to Islam, Muslims are no strangers to reading the Quran (Shahar et al., 2023). The Quran is the holy book of Muslims which is the word of Allah SWT. One of the hadiths narrated by Imam Bukhari says: "He who is skilled in the Qur'an will be with the glorious recording angel again right, and who stammers in reading it while he is earnest then for him two rewards." (HR. Bukhari). In addition to expecting double the reward, reading the Quran is expected to be able to train CP children in speech development.

## **Research methods**

The method used in writing articles is the study of literature. Literature review is carried out with the best evidence approach, based on literature studies of several journal articles selected according to the author's questions. In this process, the author uses the same criteria, which is in accordance with the author's question. Literature study is to find and collect data or research information through reviewing scientific journals, reference books, and publication materials in libraries (Ruslan, 2008)

## **Results and Discussions**

### **Overview of *Cerebral Palsy***

It also seems that it is not easy for us to define CP, because although basically the part of the brain that is paralyzed, but the consequences are not only to limb stiffness (motor disorders) but CP sufferers also have comorbidities (Boyd et al., 2013). Cerebral palsy can be interpreted as paralysis of the brain that causes the absence of muscle control, postural abnormalities and movement barriers. The disorder is progressive and does not

always worsen. CP is divided into two groups: (1) according to its resistance of motion (2) according to body parts (Duke et al., 2021).

According to the movement resistance of children, CP can be categorized as a spastic type is a disorder located in the motor cortex, and also a type of dyskinesia can be found without control and coordination of motion (Sa'dullah & Hidayatullah, 2020).

According to body parts, there are six types, namely: (1) monoplegia, abnormalities that occur only in one limb such as the right hand (2) hemipelagia, abnormalities that occur on one side of the body part such as the right limb (3) paraplegia, abnormalities that occur in the lower limbs (4) diplegia, abnormalities that occur in the upper sultry limbs and lower limbs (5) triplegia, Abnormalities that occur in three parts of the limbs such as the left foot, right foot and right hand (6) quadriplagia, abnormalities occur in all limbs (Al Imam et al., 2021).

Based on the population census in 1990 of 184 million people about 3.11% of people with disabilities of various types of disorders and age levels (Susilo Supeno, 1992). It is estimated that people with CP disabilities in Indonesia are 0.5% (soerharso, 1982). The data shows that the population of Ci children in Indonesia is quite large. When viewed from the disabled, CP children are the most in that group (Ardian et al., 2020).

In our society there are still many people who confuse CP children with polio children caused by viruses or muscle dystrophy (Islam, 2019). In terms of etymology, it comes from two words, namely cerebral which means brain and palsy which means rigidity (viola E cardwell).

#### **Characteristics of speech development in *cerebral palsy***

One of the accompanying barriers that a CP child can have is a speech impediment. Speech impediments that tend to be severe will interfere with the daily activities of CP children. The CP child is exactly what the child wants. CP children will be more silent and avoid talking activities. This will hinder the speech development of CP children.

In verbal communication, the delivery of ideas, ideas, thoughts and feelings is done verbally or verbally. This process is often called "speaking". In CP children they have speech impediment due to the rigidity of their speech motor muscles (Farhah, 2005).

(Azizah, 2005) mentioned that most CP children experience speech disorders as a result of stiffness of their speech motor muscles. Speech disorders can lead to impaired communication. In fact, many of them speak incoherently so it is difficult to understand the meaning of the conversation.

In addition to speech disorders in CP children, sometimes CP children who experience weakness in facial muscles, have unique faces, CP children have shortness of breath and CP children are also difficult to hold saliva. Therefore, CP children are very service that can train speech development.

Regular schools are considered much more suitable for mild CP children, but there is a lot of rejection because of the speech impediment that CP children have. More in mild CP the accompanying obstacle is speech. Intellectually there is no problem, therefore mild CP children are more suitable to attend regular schools. For moderate CP children and severe CP children, it is determined from the intellectual and motor level possessed. If the intellectual problem is not but the motor is so problematic that he is unable to write, the child will be recommended to attend an extraordinary school or abbreviated as SLB.

It is not easy to enter a regular school, especially with communication barriers. Parents as companions of light CP children must also think about whether the child is able to go to school to completion and associate at school with normal children.

Refocusing on the speech development of CP children can be helped by routine speech therapy. Talk therapy here is not just a place of therapy regularly. There are also exercises that can be done at home such as reading the Quran also called recitation.

### **How to Read Quran for *Cerebral Palsy***

Educators and experts rack their brains to find the most appropriate way to train the speech development of CP children. One way that can be used to train the speech development of CP children is by reading the Quran. The objectives of speech development by reading the Quran are: (1) by reading the short length of letters contained in the Quran able to train the breathing done by CP children (2) by reading the Quran with makhorijul letters can train the facial muscles of CP children (3) by reading the Quran using tone can train the intonation of CP children. There are many media methods for reading the Quran for CP children.

The Bil Hikmah method is one method that can be used in teaching reading the Quran, because this method is a combination of the previous method, namely baghdiyah by spelling and sautiya by recognizing hijaiyah letters (kusumah, 2016).

Flash card media is a visual media that can help the learning process so that children can easily understand the material, flash card media is also used to teach CP children to read the Quran. According to Rudi Susila and Cepriyana (2009) flash cards are learning media in the form of picture cards measuring 25 x 30 cm, the images on the flash card are a series of messages presented with a caption on each image.

Tasmi' linguistically can be interpreted as listening, while in terms of sa'dullah (2010: 54) explains tasmi' which is listening to rote memorization to others both to individuals and to pilgrims, With this tasmi' a memorizer of the Quran will be known to be lacking in himself, because he may make mistakes in pronouncing letters or harakat, with tasmi 'someone will concentrate more on memorization. The tasmi method can also be used to develop speech for CP children.

The way to read the Quran directly can be used with light CP children, because light CP children are usually able to speak. Children with mild CP only have a few problems in speaking but this also cannot be allowed, if left unchecked it does not rule out the possibility of penetrating into communication problems

Basically, the method of reading the Quran used for CP children in general is a method that can make each individual feel comfortable. There is no necessity to use such methods and media of reading the Quran, the use of such methods and such depends on the individual CP child himself.

### **The Effect of Reading the Quran on the Development of Speech *Cerebral Palsy***

The influence that is expected to bring significant changes in the speech development of CP children by reading the Quran requires hard work, enthusiasm, and support from various parties. The most important and most needed support from parents as companions at home.

Indeed, the abilities possessed by CP children will never be the same as normal children, but after all, each individual pati has potential in themselves. Therefore, as a servant of Allah, Subhana Wa Ta'ala is required to be fearful and istiqomah in trying. CP children are indeed born with quite a lot of trials, but behind that there must be a silver lining. CP children are different but it does not reduce their enthusiasm to keep going.

Speech development in CP children by reading the Quran. It is believed to be able to optimize CP children in speech. Although it takes a relatively long time, but consistently and patiently produces maximum results.

The result of reading the Quran for CP children is that children are able to use Quran reading techniques such as intonation in speaking, CP children will be able to issue words that can be understood by others. Similarly, social interaction uses speech as its main tool.

### Conclusion

The speech development of CP children can be helped by routine speech therapy. Talk therapy here is not just a place of therapy regularly. In addition to speech disorders in CP children, sometimes CP children who experience weakness in facial muscles, have unique faces, CP children have shortness of breath and CP children are also difficult to hold saliva. Therefore, CP children are very service that can train speech development. One way that can be used to train the speech development of CP children is by reading the Quran. The objectives of speech development by reading the Quran are: (1) by reading the short length of letters contained in the Quran able to train the breathing done by CP children (2) by reading the Quran with makhorijul letters can train the facial muscles of CP children (3) by reading the Quran using tone can train the intonation of CP children. The result of reading the Quran for CP children is that children are able to use Quran reading techniques such as intonation in speaking, CP children will be able to issue words That Can Be Understood By Others. Similarly, Social Interaction Uses Speech As Its Main Tool.

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