



CAREGIVERS' PERCEPTION OF GROUP AND INDIVIDUAL SPEECH & LANGUAGE THERAPY SERVICES FOR CHILDREN WITH CEREBRAL PALSY IN A SPECIALIZED HOSPITAL

By

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Title: “Caregivers perception of group and individual speech & language therapy services for children with cerebral palsy in a specialized hospital”

Aim of the study: To explore caregivers’ perception of group and individual speech & language therapy services for children with cerebral palsy in a specialized hospital.

Methodology: This is a qualitative type of phenomenological study where 7 samples were assigned purposively from CRP. The semi structured questions was used for the study. Data was analyzed by content analysis, which collected feom the participant’s interview.

Result: The participants has mixed perception, experience about group and individual speech & language therapy for CP treatment

Conclusion: Number of CP children are increasing day by day. From the result we found that caregivers’ of CP think, both group & individual SLT are more or less responsible for improving their child condition. According to some mother, much improvement were coming from group SLT and less improvement from individual SLT and some mother think that individual SLT were bringing more improvement

comparatively group SLT but the point was both SLT service were effective for their children. The study also found caregivers need where most of the caregivers were not satisfied with less opportunity of taking SLT service. They hoped to increase the chances of their children receiving therapy. Moreover, the result showed that some mother wanted both group & individual SLT but for many difficulty like money problem, accommodation problem they could not afford both service. So this study helped to understand that the need of SLT are increasing so it is important to increase opportunity of accessing SLT service in low-cost, need to increase the number of SLTs, need to increase the work place for SLTs.

Limitation:

There restrictions that should be reserved in mind during conducting the study. They were given below:

- In this study participants from only at CRP.
- In this study only the parents of children with CP was included.
- The participant's educational level status was different which exaggerated their understanding.
- The sample size was not sufficient to generalize the result.
- Short time period due to COVID situation.
- As a result of small amount of participants, the external validity of the study was reduced.

Recommendation:

While conducting the research the investigator found some limitation and barriers

- There should be further research on perception of caregivers among cerebral palsy children in Bangladesh.
- This study was done within a short period of time with a small sample size and data was collected from only CRP so further study can be included using a large sample size and from other hospitals to generalize the result.
- Further study could be conducted on the quality of life of the cerebral palsy children's in Bangladesh.

References:

A report: the definition and classification of cerebral palsy April 2006. (2007).

Developmental Medicine & Child Neurology, 49, 8–14.

<https://doi.org/10.1111/j.1469-8749.2007.tb12610.x>

Ash, A. C., Christopoulos, T. T., & Redmond, S. M. (2020). “Tell Me About Your Child”:

A Grounded Theory Study of Mothers’ Understanding of Language Disorder. *American Journal of Speech-Language Pathology*, 29(2), 819–840.

https://doi.org/10.1044/2020_ajslp-19-00064

Ashwal, S., Russman, B. S., Blasco, P. A., Miller, G., Sandler, A., Shevell, M., &

Stevenson, R. (2004). Practice Parameter: Diagnostic assessment of the child with cerebral palsy: Report of the Quality Standards Subcommittee of the American Academy of Neurology and the Practice Committee of the Child Neurology Society. *Neurology*, 62(6), 851–863.

<https://doi.org/10.1212/01.wnl.0000117981.35364.1b>

Arvedson, J. C. (2013). Feeding children with cerebral palsy and swallowing difficulties.

European Journal of Clinical Nutrition, 67(S2), S9–S12.

<https://doi.org/10.1038/ejcn.2013.224>

Bailey, D., 1997. Research for the health professional. Philadelphia: F.A. Davis.

Broomfield, J., & Dodd, B. (2011). Is speech and language therapy effective for children

with primary speech and language impairment? Report of a randomized control trial. *International Journal of Language & Communication Disorders*, 46(6),

628–640. <https://doi.org/10.1111/j.1460-6984.2011.00039.x>

Carroll, C. (2009). “It’s not every day that parents get a chance to talk like this”:

Exploring parents’ perceptions and expectations of speech-language pathology

- services for children with intellectual disability. *International Journal of Speech-Language Pathology*, 12(4), 352–361. <https://doi.org/10.3109/17549500903312107>
- Ccc-Slp, P. R. P. (2014). *Introduction to Clinical Methods in Communication Disorders* (Third ed.). Brookes Publishing.
- Cockerill, H., Elbourne, D., Allen, E., Scrutton, D., Will, E., McNee, A., Fairhurst, C., & Baird, G. (2013). Speech, communication and use of augmentative communication in young people with cerebral palsy: The SH&PE population study. *Child: Care, Health and Development*, 40(2), 149–157. <https://doi.org/10.1111/cch.12066>
- Cummings, L. (2018). *Speech and Language Therapy: A Primer*. Cambridge University Press.
- Depoy E, Gitlin LN (1998). *Introduction to Research; understanding and Applying Multiple Strategies*. Philadelphia: Mosby.
- Dwight, D. M. (2022). *Here's How to Do Therapy: Hands on Core Skills in Speech-Language Pathology, Third Edition* (3rd ed.). Plural Publishing, Inc.
- El-Guebaly, N., Carrà, G., Galanter, M., & Baldacchino, A. M. (2020). *Textbook of Addiction Treatment: International Perspectives* (2nd ed. 2021 ed.). Springer.
- Fraenkel, J. (2022). *How to Design and Evaluate Research in Education* (International ed.). McGraw-Hill Education.
- Geralis, E. (1998). *Children With Cerebral Palsy: A Parents' Guide* (Subsequent ed.). Woodbine House.
- Gulati, S., & Sondhi, V. (2017). Cerebral Palsy: An Overview. *The Indian Journal of Pediatrics*, 85(11), 1006–1016. <https://doi.org/10.1007/s12098-017-2475-1>

- Hicks, C. M. (1999). *Research Methods for clinical Therapist: Applied project Design & Analysis* (3rd e.d). Edinburgh: Churchill Living stone
- Hornby, A. S., Cowie, A. P., & Gimson, A. C. (1974). *Oxford Advanced Learners Dictionary of Current English* (3rd ed.). Oxford Univ Pr.
- Johnson, E., Nilsson, S., & Adolfsson, M. (2015). Eina! Ouch! Eish! Professionals' Perceptions of How Children with Cerebral Palsy Communicate About Pain in South African School Settings: Implications for the use of AAC. *Augmentative And Alternative Communication*, 31(4), 25-335. .
<https://doi.org/10.3109/07434618.2015.1084042>
- Kersner, M. (2001). *Speech and Language Therapy: The Decision-Making Process When Working with Children* (1st ed.). Routledge.
- Khandaker, G., Muhit, M., Karim, T., Smithers-Sheedy, H., Novak, I., Jones, C., & Badawi, N. (2018). Epidemiology of cerebral palsy in Bangladesh: a population-based surveillance study. *Developmental Medicine & Child* Mothers' Perceptions of Their Children's Communication Disabilities, Emergent Literacy Development, and Speech-Language Therapy Program. *American Journal of Speech-Language Pathology*, 16(3), 271–282. [https://doi.org/10.1044/1058-0360\(2007/031\)](https://doi.org/10.1044/1058-0360(2007/031))
- Khan, N.Z & Ferdous, S, (2003). Shishu Bikash Network Report, 2000-2003. Pediatric Neuroscience: Services & Research in Bangladesh, Dhaka, Bangladesh
- Law, J., Garrett, Z., & Nye, C. (2005). Speech and Language Therapy Interventions for Children with Primary Speech and Language Delay or Disorder. *Campbell Systematic Reviews*, 1(1), 1–85. <https://doi.org/10.4073/csr.2005.5>

- Mary Watson, R., & Pennington, L. (2015). Assessment and management of the communication difficulties of children with cerebral palsy: a UK survey of SLT practice. *International Journal of Language & Communication Disorders*, 50(2), 241–259. <https://doi.org/10.1111/1460-6984.12138>
- McConachie, H., Huq, S., Munir, S., Kamrunnahar, Akhter, N., Ferdous, S., & Khan, N. Z. (2001). Difficulties for mothers in using an early intervention service for children with cerebral palsy in Bangladesh. *Child: Care, Health and Development*, 27(1), 1–12. <https://doi.org/10.1046/j.1365-2214.2001.00207.x>
- Mobarak, R. (2000). Predictors of Stress in Mothers of Children With Cerebral Palsy in Bangladesh. *Journal of Pediatric Psychology*, 25(6), 427–433. <https://doi.org/10.1093/jpepsy/25.6.427>
- Morgan, P. L., Hammer, C. S., Farkas, G., Hillemeier, M. M., Maczuga, S., Cook, M., & Morano, S. (2016). Who Receives Speech/Language Services by 5 Years of Age in the United States? *American Journal of Speech-Language Pathology*, 25(2), 183–199. https://doi.org/10.1044/2015_ajslp-14-0201
- Moseley Harris, B., 2022. Parents' and carers' understandings of the nature and purposes of parent-based intervention groups delivered by the paediatric Speech and Language Therapy service in Telford & Wrekin and Shropshire Primary Care Trusts: An exploratory study. [online] chesterrep.openrepository.com. Available at: <<https://chesterrep.openrepository.com/handle/10034/224092>> [Accessed 15 January 2022].

- Núñez, G., & Hughes, M. T. (2018). Latina Mothers' Perceptions and Experiences of Home-Based Speech and Language Therapy. *Perspectives of the ASHA Special Interest Groups*, 3(14), 40–56. <https://doi.org/10.1044/persp3.sig14.40>
- Pennington, L. (2015). Speech, language, communication, and cerebral palsy. *Developmental Medicine & Child Neurology*, 58(6), 534–535. <https://doi.org/10.1111/dmcn.12975>
- Pennington, L., Goldbart, J., & Marshall, J. (2004). Speech and language therapy to improve the communication skills of children with cerebral palsy. *Cochrane Database of Systematic Reviews*, 2016(3) <https://doi.org/10.1002/14651858.cd003466.pub2>
- Pennington, L., Stamp, E., Smith, J., Kelly, H., Parker, N., Stockwell, K., Aluko, P., Othman, M., Brittain, K., & Vale, L. (2019). Internet delivery of intensive speech and language therapy for children with cerebral palsy: a pilot randomised controlled trial. *BMJ Open*, 9(1), e024233. <https://doi.org/10.1136/bmjopen-2018-024233>
- Raina, P., O'Donnell, M., Rosenbaum, P., Brehaut, J., Walter, S. D., Russell, D., Swinton, M., Zhu, B., & Wood, E. (2005). The Health and Well-Being of Caregivers of Children With Cerebral Palsy. *Pediatrics*, 115(6), e626–e636. <https://doi.org/10.1542/peds.2004-1689>
- Rehman, A. U. (2016, November 1). *Comparative Effects of Group and One to One Speech and Language Therapy on Language Development of Hearing Impaired Children* | Journal Riphah College of Rehabilitation Sciences. RIPHAH. <https://journals.riphah.edu.pk/index.php/jrcrs/article/view/446>

- Saloojee, G., Rosenbaum, P., & Stewart, A. (2011). Using caregivers' perceptions of rehabilitation services for children with Cerebral Palsy at public sector hospitals to identify the components of an appropriate service. *South African Journal of Physiotherapy*, 67(3). <https://doi.org/10.4102/sajp.v67i3.53>
- Sankar, C., & Mundkur, N. (2005). Cerebral palsy-definition, classification, etiology and early diagnosis. *The Indian Journal of Pediatrics*, 72(10), 865–868. <https://doi.org/10.1007/bf02731117>
- Shortell, Stephen M. "Occupational prestige differences within the medical and allied health professions." *Social Science & Medicine* (1967) 8.1 (1974): 9. Retrieved from, <http://www.sciencedirect.com/science/article/pii/0037785674900031>
- Speech problems affect more than one in two children with cerebral palsy: Swedish population-based study. (2016). *Developmental Medicine & Child Neurology*, 58, 13. https://doi.org/10.1111/dmcn.13_13241
- VOORMAN, J. M., DALLMEIJER, A. J., van ECK, M., SCHUENGEL, C., & BECHER, J. G. (2009). Social functioning and communication in children with cerebral palsy: association with disease characteristics and personal and environmental factors. *Developmental Medicine & Child Neurology*, 52(5), 441–447. <https://doi.org/10.1111/j.1469-8749.2009.03399.x>
- Winter, S., Autry, A., Boyle, C., & Yeargin-Allsopp, M. (2002). Trends in the Prevalence of Cerebral Palsy in a Population-Based Study. *Pediatrics*, 110(6), 1220–1225. <https://doi.org/10.1542/peds.110.6.1220>

Zuurmond, M. A., Mahmud, I., Polack, S., & Evans, J. (2015). Understanding the Lives of Caregivers of Children with Cerebral Palsy in rural Bangladesh: Use of Mixed Methods. *Disability, CBR & Inclusive Development*, 26(2), 5.
<https://doi.org/10.5463/dcid.v26i2.414>

[N.B. For better understanding of the study, please see hard copy & for any further information please contact: monirslt23@gmail.com]