

Πρόγραμμα Μεταπτυχιακών Σπουδών Εξειδίκευσης
του Τμήματος Ελληνικής Φιλολογίας του Δημοκριτείου Πανεπιστημίου Θράκης
σε συνεργασία με το
ΕΚΕΦΕ Δημόκριτος – Ινστιτούτο Πληροφορικής και Επικοινωνιών
με τίτλο: «Εξειδίκευση στις Τ.Π.Ε. και Ειδική Αγωγή – Ψυχοπαιδαγωγική της ένταξης»

Η ΓΛΩΣΣΙΚΗ ΑΝΑΠΤΥΞΗ ΠΑΙΔΙΩΝ ΚΑΙ ΕΦΗΒΩΝ ΜΕ ΣΥΝΔΡΟΜΟ DOWN

LANGUAGE ACQUISITION IN CHILDREN AND ADOLESCENTS WITH DOWN SYNDROME

της

Καραγιάννη Ελένης

Μεταπτυχιακή διατριβή που υποβάλλεται
στην τριμελή επιτροπή για την απόκτηση του μεταπτυχιακού τίτλου του
Προγράμματος Μεταπτυχιακών Σπουδών Εξειδίκευσης
του Τ.Ε.Φ-Δ.Π.Θ. σε συνεργασία με το Ε.Κ.Ε.Φ.Ε. Δημόκριτος – Ινστιτούτο
Πληροφορικής και Επικοινωνιών
με τίτλο: «Εξειδίκευση στις Τ.Π.Ε. και Ειδική Αγωγή – Ψυχοπαιδαγωγική της
ένταξης»>

Εγκεκριμένο από την τριμελή επιτροπή:

1. Δρ. Καραμπατζάκη Ζωή, Συνεργαζόμενη Ερευνήτρια Ι.Π.Τ. Ε.Κ.Ε.Φ.Ε. ΔΗΜΟΚΡΙΤΟΣ
2. Αλευριάδου Αναστασία, Καθηγήτρια Πανεπιστημίου Δυτικής Μακεδονίας
3. Δρ. Σταθοπούλου Αγάθη, Συνεργάτιδα Ερευνήτρια Ι.Π.Τ. Ε.Κ.Ε.Φ.Ε. ΔΗΜΟΚΡΙΤΟΣ

Αθήνα

2020

ΠΕΡΙΛΗΨΗ

Το σύνδρομο Down ή τρισωμία 21 είναι μία από τις πιο συχνές γενετικές αιτίες νοητικής αναπηρίας, που οφείλεται σε χρωμοσωματική διαταραχή, η οποία προκαλεί δυσλειτουργίες στα συστήματα πολλών οργάνων και αποτελείται από έναν χαρακτηριστικό φαινότυπο, που περιλαμβάνει σωματικά, όπως επίσης και συμπεριφορικά χαρακτηριστικά. Πολλές έρευνες έχουν καταδείξει ότι η γλώσσα είναι ανάμεσα στους πιο εξασθενημένους τομείς της λειτουργικότητας στο σύνδρομο Down και ίσως, το μεγαλύτερο εμπόδιο για την ανεξάρτητη διαβίωση και την ουσιαστική ένταξή τους στην κοινωνία. Η παρούσα εργασία αποτελεί τη βιβλιογραφική ανασκόπηση 58 άρθρων και βιβλίων από το διεθνή χώρο, που μελετούν τα ειδικά χαρακτηριστικά του γλωσσικού φαινοτύπου του συνδρόμου, αν και παρατηρείται σημαντική ατομική διακύμανση. Τα αποτελέσματα της ανασκόπησης παρουσιάζουν τις δυνατότητες και τις αδυναμίες της γλώσσας των ατόμων με DS και τους παράγοντες που συμβάλλουν στη διαμόρφωσή τους, συγκριτικά με την τυπική ανάπτυξη και υπογραμμίζουν την ανάγκη για προγράμματα πρώιμης παρέμβασης, με σκοπό τη θεμελίωση των προγλωσσικών δεξιοτήτων των ατόμων με σύνδρομο Down, αλλά και για συνεχή παρέμβαση και εκπαίδευση, προκειμένου να επιτύχουν την ανάπτυξη και μεγιστοποίηση του γλωσσικού δυναμικού τους.

ΛΕΞΕΙΣ-ΚΛΕΙΔΙΑ: Σύνδρομο Down, φαινότυπος γλώσσας, προγλωσσικές δεξιότητες, ανάπτυξη γλώσσας, παράγοντες, πρώιμη παρέμβαση

ΒΙΒΛΙΟΓΡΑΦΙΑ

- Abbeduto, L., Warren, S. F., & Conners, F. A. (2007). Language development in Down syndrome: From the prelinguistic period to the acquisition of literacy. *Mental Retardation and Developmental Disabilities Research Reviews*, 13(3), 247–261.
- Andreou, G., Katsarou D. (2016). Semantic processing in children with Down Syndrome. *Selected Papers of the 21st International Symposium on Theoretical and Applied Linguistic* (ISTAL 21), 59-66.
- Andrews, R. & Andrews, J. (1977). A Study of the spontaneous oral language of Down's syndrome children. *The Exceptional Child*, 24(2), 86-94.
- Berglund, E., Eriksson, M. & Johansson, I. (2001). Parental Reports of Spoken Language Skills in Children With Down Syndrome. *Journal of Speech, Language, and Hearing Research*, 44, 179–191.
- Beeghly, M., & Cicchetti, D. (1997). Talking about self and other: Emergence of an internal state lexicon in young children with Down syndrome. *Development and Psychopathology*, 9(4), 729-748.
- Bird, E. K., Gaskell, A., Babineau, M. D., Macdonald, S. (2000). Novel word acquisition in children with Down syndrome: does modality make a difference? *Journal of Communication Disorders*, 33(3), 241-65.
- Bittles, A. H., Bower, C., Hussain, R., & Glasson, E. (2007). The four ages of Down syndrome. *European Journal of Public Health*, 17(2), 221-225.
- Buckley, S. J. (1993). Developing the speech and language skills of teenagers with Down's syndrome. *Down's Syndrome: Research and Practice*, 1(2), 63-71.

Buckley, S. J. (1995). Improving the expressive language skills of teenagers with Down's syndrome. *Down's Syndrome: Research and Practice*, 3(3), 110-115.

Cairns, P., & Jarrold, C. (2005). Exploring the correlates of non - word repetition in Down syndrome. *British Journal of Developmental Psychology*, 23, 401-416.

Carr, J. (1995). *Down's syndrome Children growing up*. Publication: Cambridge University press.

Chapman, R. S., Kay-Raining Bird, E., & Schwartz, S. E. (1990). Fast mapping of words in event contexts by children with Down syndrome. *Journal of Speech & Hearing Disorders*, 55(4), 761-770.

Chapman, R. S., Schwartz, S. E., Bird, E. (1995). Language skills of children and adolescents with Down syndrome: I. Comprehension. *Journal of Speech and Hearing Research*, 34(5), 1106-1120.

Chapman, R. S. (1997). Language development in children and adolescents with Down syndrome. *Mental Retardation and Developmental Disabilities Research Reviews*, 3, 307-312.

Chapman, R. S., Seung, H. K., Schwartz, S. E., Kay-Raining Bird, E. (1998). Language skills of children and adolescents with Down syndrome: II. Production deficits. *Journal of Speech, Language, and Hearing Research*, 41(4), 861-873.

Chapman, R. S., Seung, H. K., Schwartz, S. E., Bird, E. K. (2000). Predicting language production in children and adolescents with Down syndrome: the role of comprehension. *Journal of Speech, Language, and Hearing Research*, 43(2), 340-350.

Chapman, R. S., Hesketh, L. J. (2000). Behavioral phenotype of individuals with Down syndrome. *Mental Retardation and Developmental Disabilities Research Reviews*, 6(2), 84-95.

- Chapman, R. S., Hesketh, L. J., Kistler, D. J. (2002). Predicting longitudinal change in language production and comprehension in individuals with Down syndrome: hierarchical linear modeling. *Journal of Speech, Language, and Hearing Research*, 45(5), 902-915.
- Clibbens, J. (2001). Singing and lexical development in children with Down syndrome. *Down syndrome: Research and Practice*, 7, 101-105.
- Conners, F. A., Tungate A. S., Abbeduto, L., Merrill, E. C., Faught, G. G. (2018). Growth and Decline in Language and Phonological Memory Over Two Years Among Adolescents With Down Syndrome. *American Journal on Intellectual and Developmental Disabilities*, 123(2), 103-118.
- Crombie, M., & Gunn, P. (1998). Early Intervention, Families, and Adolescents With Down Syndrome. *International Journal of Disability, Development and Education*, 45(3), 253-281.
- Davis, A. S. (2008). Children with down syndrome: Implications for assessment and intervention in the school. *School Psychology Quarterly*, 23(2), 271–281.
- Dodd, B. (1972). Comparison of babbling patterns in normal and Down-syndrome infants. *Journal of Mental Deficiency Research*, 16(1), 35-40.
- Dodd, B. (1975). Recognition and reproduction of word by Down's syndrome and non Down's syndrome retarded children. *American Journal of Mental Deficiency*, 8, 306-311
- Dodd, B., & Thompson, L. (2001). Speech disorder in children with Down's syndrome. *Journal of Intellectual Disability Research*, 45, 308-316.
- Eadie, P. A., Fey, M. E., Douglas, J. M., & Parsons, C. L. (2002). Profiles of grammatical morphology and sentence imitation in children with specific language impairment and Down syndrome. *Journal of Speech, Language, and Hearing Research*, 45, 720–732.

Fidler, D. J., Most, D. E., & Guiberson, M. M. (2005). Neuropsychological correlates of word identification in Down syndrome. *Research in Developmental Disabilities*, 26(5), 487–501.

Fowler, A. E. (1990). Language abilities in children with Down syndrome: Evidence for a specific syntactic delay. In D. Cicchetti & M. Beeghly (Eds.), *Children with Down syndrome: A developmental perspective* (pp. 302–328). Cambridge University Press.

Galeote, M., Checa, E., Soto, P. (2020). Joint attention and vocabulary development in toddlers with Down syndrome and their peers with typical development: The role of maternal interactive style. *Journal of Communication Disorders*, 84, 105975.

Gillham, B. (1990). First words in normal and Down syndrome children: a comparison of content and word-form categories. *Child Language Teaching and Therapy* (pp. 25-32). New York University.

Grouios, G., & Ypsilanti, A. (2011). Language and Visuospatial Abilities in Down Syndrome Phenotype: A Cognitive Neuroscience Perspective. *Genetics and Etiology of Down Syndrome*, 15, 275-286.

Howard-Jones, N. (1979). On the diagnostic term "Down's disease". *Medical History*, 23(1), 102-104.

Kumin, L. (1986). A survey of speech and language pathology services for Down syndrome: State of the art. *Applied Research in Mental Retardation*, 7(4), 491–499.

Kumin, L., Councill, C., & Goodman, M. (1994). A longitudinal study of the emergence of phonemes in children with Down syndrome. *Journal of Communication Disorders*, 27(4), 293–303.

Kumin L. (1994). Intelligibility of speech in children with Down syndrome in natural settings: parents' perspective. *Perceptual and Motor Skills*, 78(1), 307-313.

Laws, G., Byrne, A., & Buckley, S. (2000). Language and memory development in children with Down syndrome at mainstream schools and special schools: a comparison. *Educational Psychology*, 20(4), 447-457.

Laws, G., & Gunn, D. (2002). Relationships between reading, phonological skills and language development in individuals with Down syndrome: A five year follow-up study. *Reading and Writing*, 15, 127–548.

Laws, G. (2004). Contributions of phonological memory, language comprehension and hearing to the expressive language of adolescents and young adults with Down syndrome. *Journal of Child Psychology and Psychiatry, and Allied Disciplines*, 45(6), 1085-1095.

Lima, I.L.B., Delgado, I.C., Cavalcante, M.C.B. (2017). Language development in Down syndrome: literature analysis. *Distúrb Comun*, 29(2), 354-64.

Lorang, E., Vencer, C., & Sterling, A. (2020). An investigation into maternal use of telegraphic input to children with Down syndrome. *Journal of Child Language*, 47, 225–249.

Martin, G. E., Klusek, J., Estigarribia, B., & Roberts, J. E. (2009). Language Characteristics of Individuals with Down Syndrome. *Topics in language disorders*, 29(2), 112–132.

Mervis, B. C., & Bertrand, J. (1995). Acquisition of the novel name-nameless category principle by young children who have Down syndrome. *American Journal on Mental Retardation*, 100, 231-243.

Meyers, L. (1990). Language Development and Intervention. In D.C. Van Dyke et al. (Eds.), *Clinical Perspectives in the Management of Down Syndrome*, 13, 153-164. New York: Springer.

Mundy, P., Kasari, C., Sigman, M., Ruskin, E. (1995). Nonverbal communication and early language acquisition in children with Down syndrome and in normally developing children. *Journal of Speech and Hearing Research, 38*(1), 157-167.

Oliver, B., & Buckley S. (1994). The language development of children with Down's syndrome: First words to two-word phrases. *Down's Syndrome: Research and Practice, 2*(2), 71-75.

Rondal, J. A. (1993). Down's syndrome. In D. Bishop & K. Magrad (Eds.), *Language Development in Exceptional Circumstances* (pp. 165 –760). Edinburgh: Churchill Livingstone.

Sherman, S. L, Allen, E. G, Bean, L. H, Freeman, S. B. (2007). Epidemiology of Down syndrome. *Mental Retardation and Developmental Disabilities Research Reviews, 13*(3), 221-227.

Stojanovik, V., Houston-Price, C., Buckley, S. (2018). Longitudinal predictors of early language in infants with Down syndrome: A preliminary study. *Research in Developmental Disabilities, 81*, 37-51.

Stoel-Gammon, C. (1980). Phonological analysis of four Down's syndrome children. *Applied Psycholinguistics, 1*(1), 31-48.

Stoel-Gammon, C. (2001). Down syndrome phonology: Developmental patterns and intervention strategies. *Down's Syndrome: Research and Practice, 7*(3), 93-100.

Swift, E., & Rosin, P. (1990). A remediation sequence to improve speech intelligibility for students with Down syndrome. *Language, Speech, and Hearing Services in schools, 21*, 140- 146.

Thordardottir, E., Chapman, R., & Wagner, L. (2002). Complex sentence production by adolescents with Down syndrome. *Applied Psycholinguistics*, 23(2), 163-183.

Van Borsel, J. (1996). Articulation in Down's syndrome adolescents and adults. *European Journal of Disorders of Communication*, 31(4), 415–444.

Van Bysterveldt, A. K., Gillon, G., Foster-Cohen, S. (2010). Integrated speech and phonological awareness intervention for pre-school children with Down syndrome. *International Journal of Language & Communication Disorders*, 45(3), 320-335.

Wiegel-Crump, C. A. (1981). The development of grammar in Down's syndrome children between the mental ages of 2–0 and 6–11 years. *Education & Training of the Mentally Retarded*, 16(1), 24–30.

Yarter, B. H. (1980). Speech and language programs for the Down 's population. *Seminars in Speech, Language and Hearing*, 1, 49- 61.

Ypsilanti, A., Grouios, G., Alevriadou, A., & Tsapkini, K. (2005). Expressive and receptive vocabulary in children with Williams and Down syndromes. *Journal of Intellectual Disability Research*, 49(5), 353-364.

Zampini, L., Salvi, A., D' Odorico, L. (2015). Joint attention behaviours and vocabulary development in children with Down syndrome. *Journal of Intellectual Disability Research*, 59(10), 891-901.