

Typical development of speech motor skills in children preschool to early school years

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Children with Childhood Apraxia of Speech (CAS) and other Speech Sound Disorders (SSD) often have overlapping symptoms and the assessment procedure requires focus on several skills to ensure correct diagnosis (Caruso & Strand, 1999). A test to aid in the process of differential diagnosis has been developed in English; Dynamic Evaluation of Motor Speech Skills; DEMSS (Strand et al, 2013) and has been translated and adapted to Swedish; Dynamisk motorisk talbedömning; DYMTA (Rex et al, manuscript, in press march 2016). The test is based on the theory of motor learning (Maas et al, 2008), uses dynamic assessment strategy and focuses on speech motor planning ability (speech movement accuracy, prosody, consistency and vowel quality).

DYMTA has been administrated to 107 typically developing children aged 3 to 9 years old together with tests for language (comprehension, grammar, phonology), nonword repetition and oral motor control.

The poster will present statistics on developmental trends in speech motor ability in children 3 to 9 years old without SSD. Is it possible to see an age related speech motor development? Is it possible to see any significant associations between speech motor ability and language and/or oral motor control?

References

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