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Types of Articulation Errors in Individuals with Cleft Lip and Palate

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Abstract

Objective: To identify types of articulation errors in speech camp.

Material and Method: Sixteen children with cleft palate with or without lip and articulatory defects in Mahasarakham Province and surrounding area enrolled for 3-day intensive speech camp that was held in Srinagarind Hospital. Assessments of speech and language problems: articulation, resonance, nasal emission/turbulence, voice, and intelligibility were performed. Type of articulation errors were grouped based on standard guidelines.

Results: Velar production was the most common types, both at word (75%) and sentence levels (93%) followed by glottal and pharyngeal productions at word level testing (43.75% and 43.75%) and at sentence level (37.5% and 18.75%), respectively.

Conclusion: Abnormal backing of oral targets was the most common speech type. Further study and early prevention for articulation disorders are needed.

Keywords: Cleft speech type, Cleft speech characteristics, Speech disorders

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