

## **TeleMe Speech Booster: Web-Based Speech Therapy and Training Program for Children with Articulation Disorders**

**Authors :** C. Treerattanaphan, P. Boonpramuk, P. Singla

**Abstract :** Frequent, continuous speech training has proven to be a necessary part of a successful speech therapy process, but constraints of traveling time and employment dispensation become key obstacles especially for individuals living in remote areas or for dependent children who have working parents. In order to ameliorate speech difficulties with ample guidance from speech therapists, a website has been developed that supports speech therapy and training for people with articulation disorders in the standard Thai language. This web-based program has the ability to record speech training exercises for each speech trainee. The records will be stored in a database for the speech therapist to investigate, evaluate, compare and keep track of all trainees' progress in detail. Speech trainees can request live discussions via video conference call when needed. Communication through this web-based program facilitates and reduces training time in comparison to walk-in training or appointments. This type of training also allows people with articulation disorders to practice speech lessons whenever or wherever is convenient for them, which can lead to a more regular training processes.

**Keywords :** web-based remote training program, Thai speech therapy, articulation disorders, speech booster

**Conference Title :** ICMAP 2014 : International Conference on Multimedia Applications and Processing

**Conference Location :** London, United Kingdom

**Conference Dates :** October 24-25, 2014