

Treatment for Acquired Apraxia of Speech: Examination of  
Treatment Intensity and Practice Schedule  
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Treatment intensity and practice schedule were varied in the treatment of acquired apraxia of speech (AOS) with four speakers with chronic AOS and aphasia. Sound Production Treatment was applied in the context of multiple baseline designs to examine its effects on sound production accuracy. All speakers received the following four applications of treatment: intensive blocked, intensive random, traditional blocked, traditional random. Each phase of treatment consisted of 16, one hour sessions and order of phases was counterbalanced across participants. In the intense phases, treatment was administered four hours per day for four days a week over two weeks. In the traditional phases, treatment was applied one hour per day, three days a week for five and a half weeks. In blocked practice, similar items were grouped together for treatment and repeated practice. In random practice, non similar items were alternated in the treatment paradigm. Positive changes in accuracy of articulation were observed for all participants for all phases of treatment. Two participants appeared to have a slightly poorer response to the Traditional – Random application of treatment. However, no clinically meaningful differences were noted among treatment applications when follow-up data were considered.