Critical Review:

Methods

Search Strategy Computerized

increase in sentence length a picture description task.

Despite the positive treatmentsults, this study

report greater improvement no trained items compared to untrained items. Generalization influenced by various factors, including the outcome measured sed to evaluate generalization the treatment protocols themselves, and the patient (Mitchum & Berndt, 2007). Comparatively, maintenance is also dependent upon the patient in that maintenance of any newly acquired or reacquired skill requires practice. Thus, by altering treatment items or protocols to make them more salient to the patient Os lifenaintenance angleneralization may be more likely to occur.

Furthermore, threeof these six studies (Beard & 1989 Koenig-Bruhin Studer-Prescott. & Eichenberger, 2007Kohn et al., 1990 utilized a phonological approach to treate repetition deficit. Although repetition is a primary deficit and characteristic of conduction aphasia, treatmenthef repetition deficit in and of itself may not be a valid goal to improve oral expression in persons with conduction aphasia Kohn et al., 1990 Placed within a neurolinguistic model, such as that proposed by Ellis and Young (1988), repetition as a separate linguistic domain completely bypasses the semantic network and as such is merely repeated through an auditory to phonemenechanism void of context or meaning This may help to explain whyin cases such as that presented by Beard and Presco 989) patients improved their performance on overt repetition tasks; however, gaided not generalize to untrained items, or other language domains Comparatively in Kohn et alOs (1990) study, treating repetition did lead to generalization of increased syllableto-concept ratio on a picture description task. It is unclear whether this generalization effect could be directly attributed to the repetition treatment or to the combination of the repetition treatment with existing treatment protocols.Koenig-Bruhin and Studer Eichenberge 0s (2007) study also reported treatment generalization, however the generalization was measured as increased sentence length in a story retell task, and cannot solextribute conclusions of treatment generalization.

Additionally, there is a lack of research systematically investigating semantic based treatment approaches in conduction aphasiathis lack of research may be due to the fact that persons with conduction aphasia generally have intact semantic systems, as shown by their latively spared auditory comprehension (Baldo et al., 200)8 Only two studies (Harnish et al., 2008 Kalinyak-Fliszar et al., 201)1 provided evidence supporting anultimodal or a combined phonological ad semantic treatment approach. Harnish et al. (2008) study, although more rooted in treatment intensity thorrotocols did provided qualitative evidence of generalization to other language domain sowever, Kalinyak-Fliszar et alÕ(2011) treatment like the other studies ailed to report generalization of gains in phonological STM to untrained items on the rlanguagedomains.

Future clinical researchaddressinghe unique deficits

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