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Critical Review: Does Delayed Auditory Feedback Improve Speech Intelligibility in Parkinson's Disease?

This critic re ie e ines the effect of de yed aditory feed b c DAF on speech inte igibi ity in P r inson s dise se E ch of the eight rtic es inc aded in this re ie e ines speech r te nd inte igibi ity ith the ase of DAF in p tients it

four onth period in n tte pt to decre se speech r te Both of these p tients h d r pid speech r tes nd reduced inte igibi ity prior to the study Re ding s p est en fro the Gr ndf ther P ss ge nd con ers tion speech s p e ere used to deter ine inte igibi ity nd r te A de y of s s used for both p tients nd resulted in signific nt decre se in speech r te for re ding nd con ers tion nte igibi ity s signific nt y i pro ed in con ers tion on y for one p tient nd signific nt y i pro ed in both re ding nd con ers tion s p es for the second p tient

ng Met n nd Bern rd stadied the effects of DAF in co bin tion ith frequency tered feed b c FAF on nine p tients ith P r inson s dise se Prior to tre t ent these p tients presented ith oder te to se ere speech i p ir ents in y ch r cterized by p i i nd hesit tions As speech r te e sared on three point sc er ther th n ords or sy besper in the it sance r of hether the pre tre t ent speech r tes ere y f st Re ding nd contro ed bnor ono og ae ere ased to e s are inte igibi ity ander si conditions t o b se ine t o p cebo

rese rch using p tients ith rying degrees of pre tre t ent inte igbi ity

Another f ctor th t coadh e ffected the resacts in ny of these stadies is the pre tre t entr te of speech of the p tients. Since DAF is often used to decre se speech r te in n te pt to i pro e inte igibility using DAF on p tients ith nor or decre sed r tes of speech y he neg tile effects on

aditory feed b c o rn of Med c peec L n e o o y -

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D D Speech disorder
in P r insonis asefaness of de yed
aditory feed b c in se ected c ses
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Co n c on
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DAF speech r te odific tion in