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

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

fo r 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 red ced inte igib i ity prior to
the st dy Re ding s p es t en fro the
Gr ndf ther P ss ge nd con ers tion
speech s p e ere sed to deter ine
inte igib i ity nd r te A de y of s s
sed for both p tients nd res t ted in
signific nt decre se in speech r te for re ding
nd con ers tion nte igib i 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 st died the
effects of DAF in co bin tion ith freq ency
tered feedb 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 s
e s red on three point sc e r ther th n
ords or sy b es per in te it s nc e r of
hether the pre tre t ent speech r tes ere
bnor y f st Re ding nd contro ed
ono og e ere sed to e s re inte igib i ity
nder si conditions t o b se ine t o p ceb o

e n t b TG cr er pnt s Rotio i Ret t fetiiog

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

Another f ctor th t co d h e ffected the res ts in ny of these st dies is the pre tre t ent r te of speech of the p tients Since DAF is often used to decre se speech r te in n tte pt to i pro e inte igibi ity using DAF on p tients ith nor or decre sed r tes of speech y h e neg ti e effects on

ditory feedb c o rn of Med c
peec L n e o o y

Do nie A Lo M Linds y
D D Speech disorder
in P r insonis sef ness of de yed
ditory feedb c in se ected c ses
Br o rn of D order of
Co n c on
H nson R Metter E
DAF speech r te odific tion in