



Queen Margaret University

where are we now?

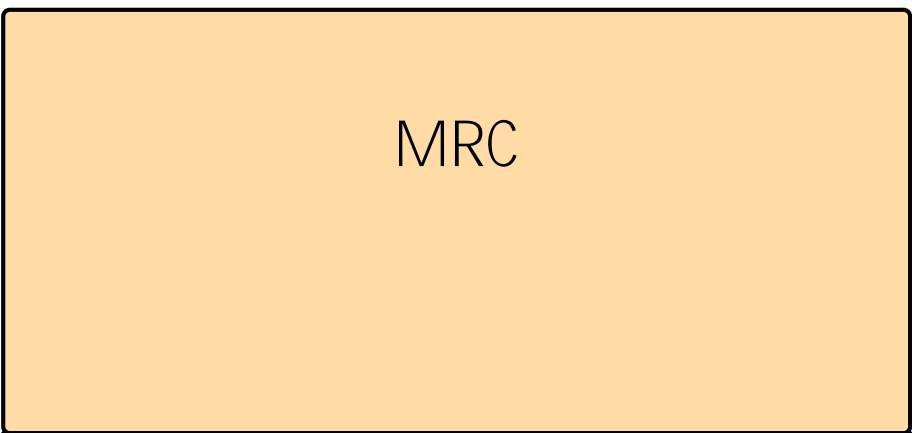
Sara E. Wood

Queen Margaret University, Scotland

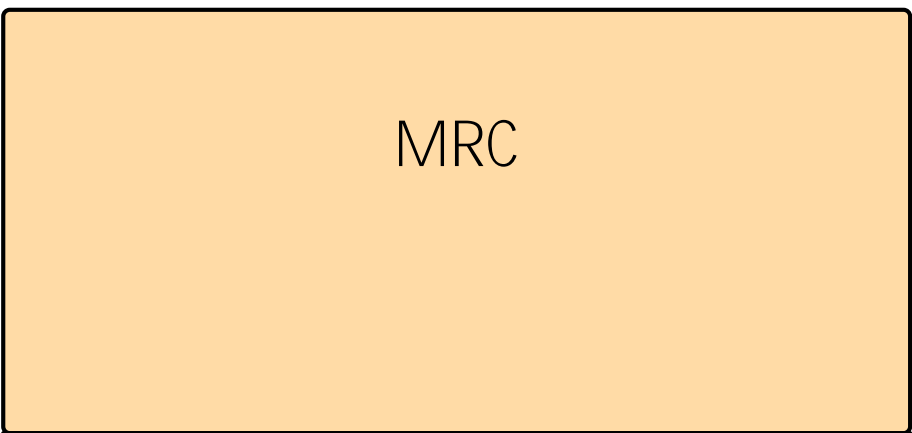
1999



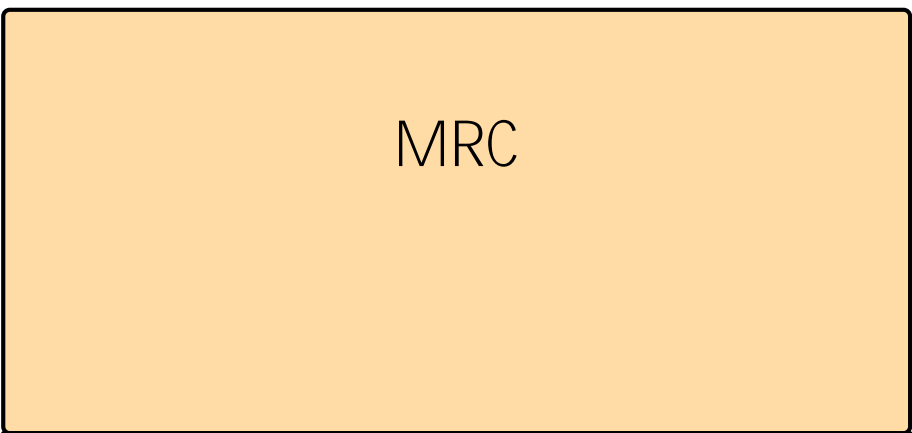
2005



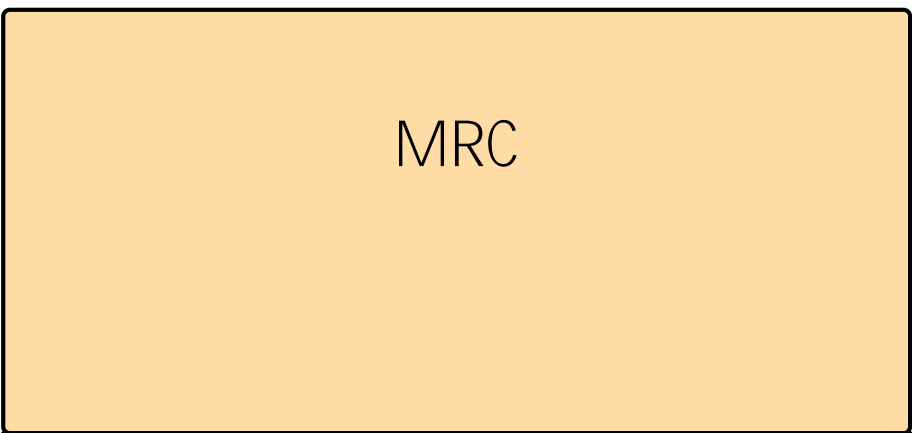
2006



2007



2008



2009



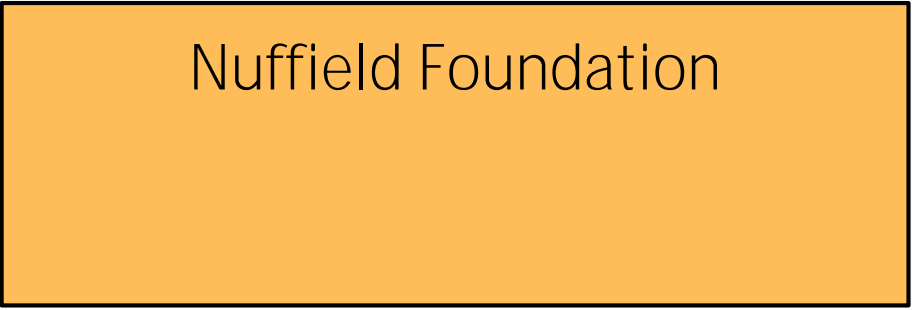
2010



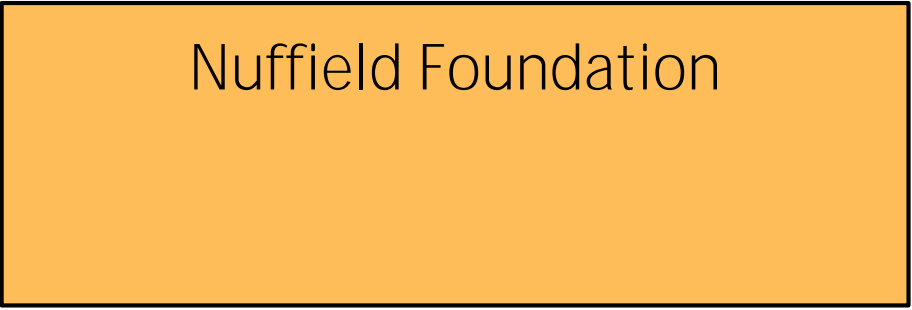
2011



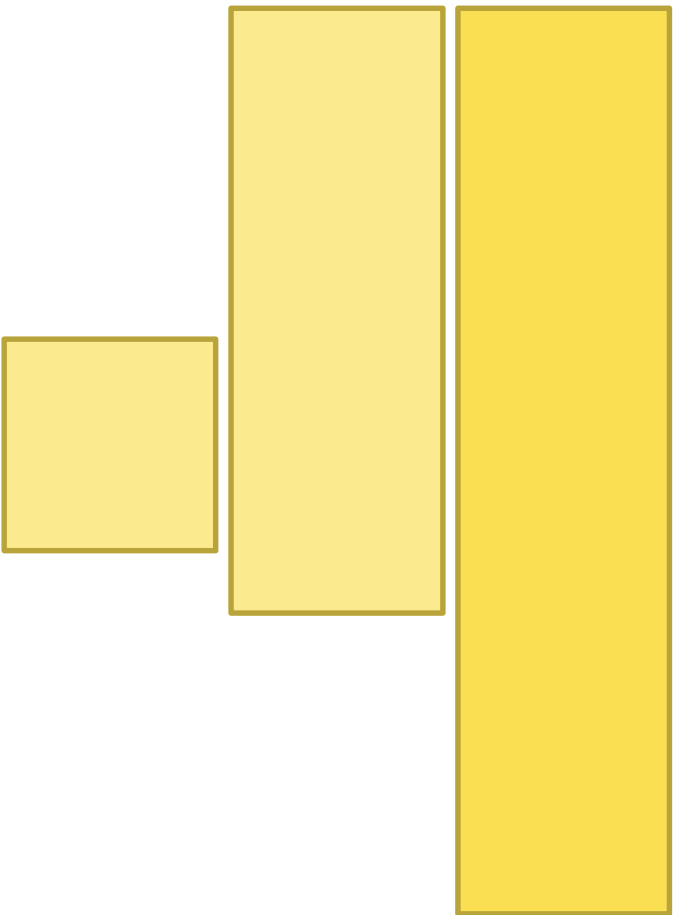
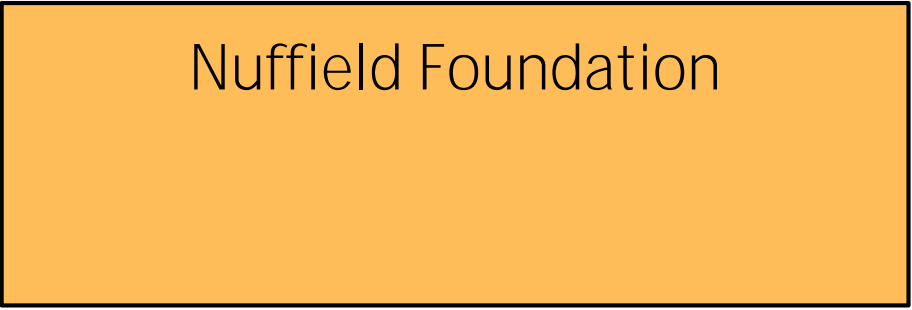
2012



2013



2014



Single case study

*International Journal of Language and
Communication Disorders*

Findings of single case study

Pre-therapy

/t/ & /k/ identical placement

No difference in measure of COG
between /t/ and /k/

Stable contact patterns for /t/ & /k/

Post-therapy

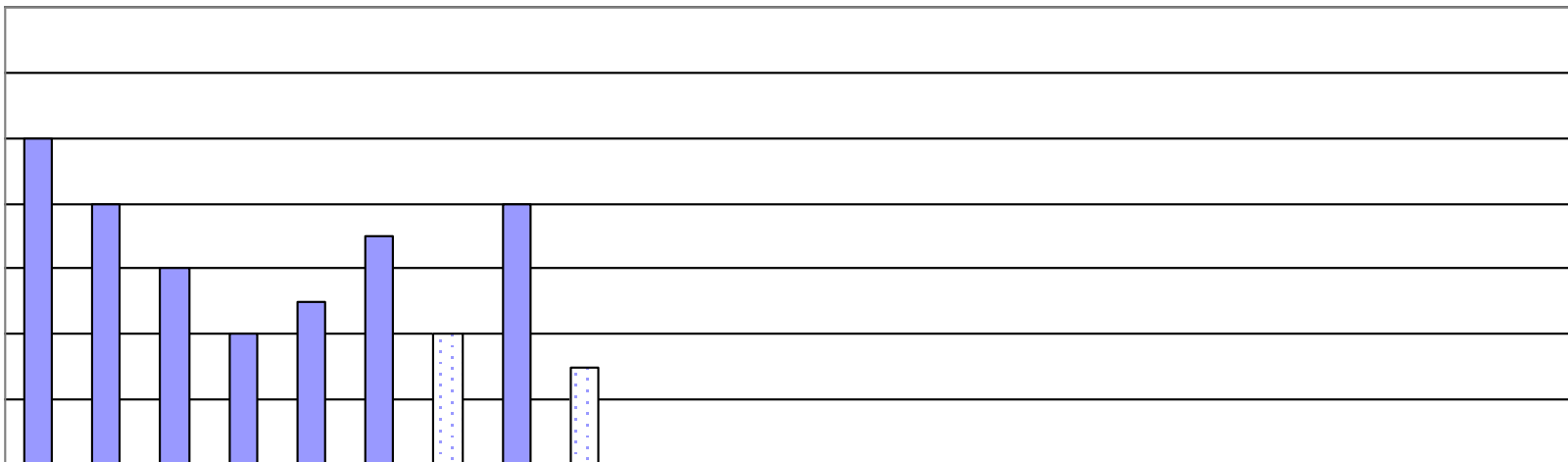
87% of velars accurate

Statistically significant difference in
COG measure

Stable contact patterns for /t/ & /k/

3 year MRC project

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Speech, Language, Cognitive Assessments
EPG recording

Conventional
Therapy
(EPG assessment)

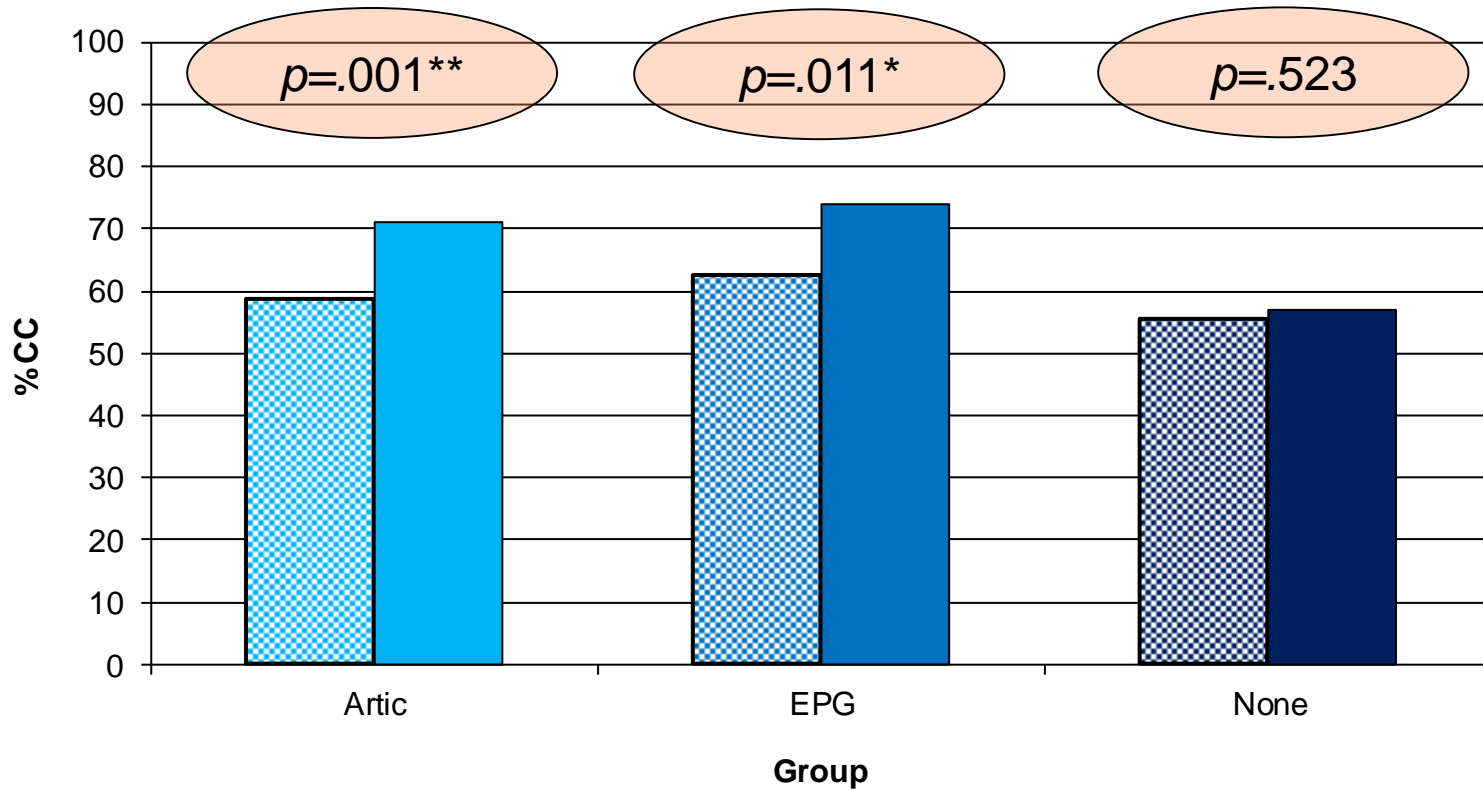
EPG Therapy

Control
(treatment as usual)

Pre-treatment recordings + 0, 3 and 6 month post-treatment recordings.
EPG (lingual-palatal contact)
DEAP single word % phonemes correct
Speech intelligibility measure

PCC: All groups

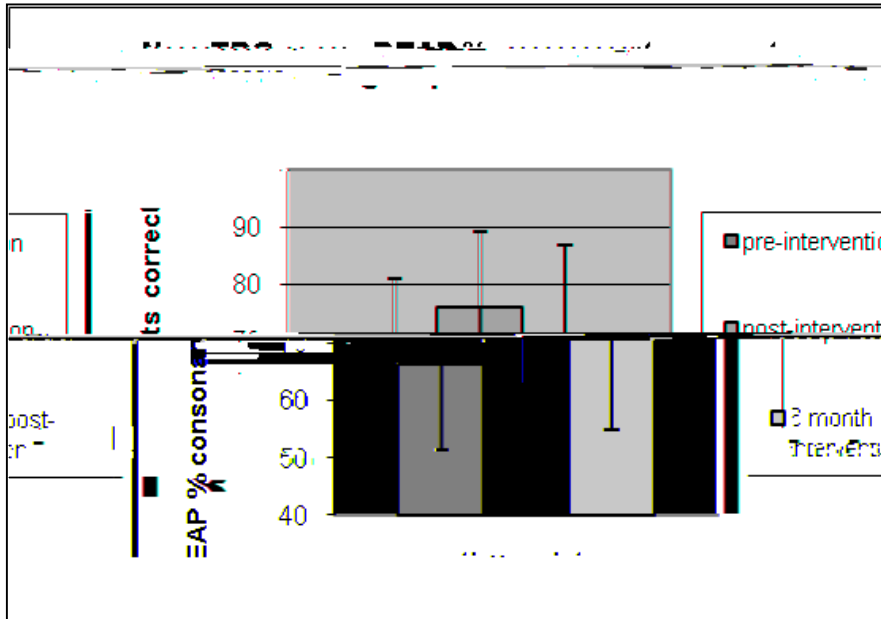
Increase in PCC



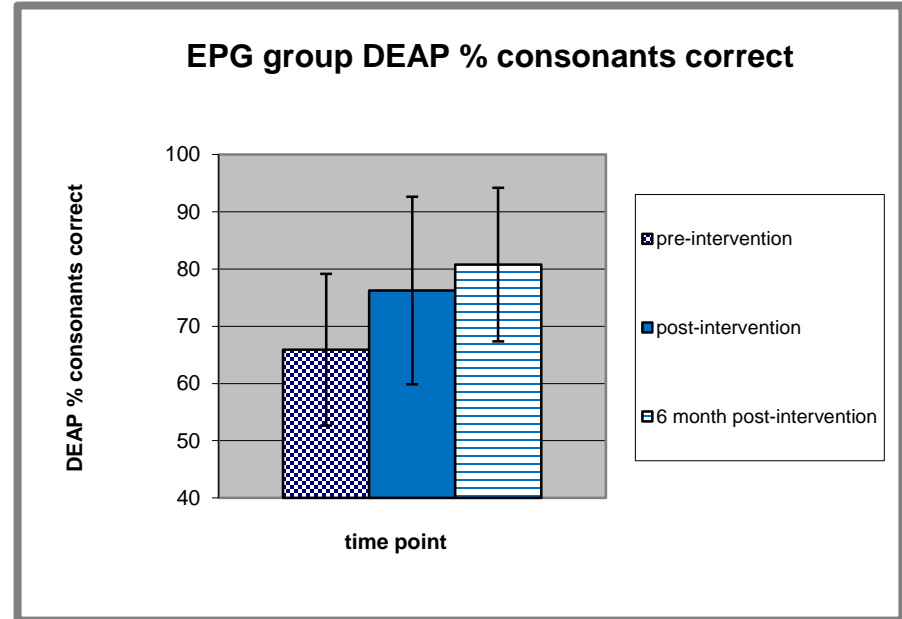


○

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Mean % consonants correct increases immediately post-intervention, with partial relapse at 6 month post-intervention



Mean % consonants correct increases immediately post-intervention, with further increase at 6 month post-intervention

PhD completions

*Speech & Prosody in Developmental Disorders:
Autism & Down Syndrome*

*Voice quality of children and young people with
Down's Syndrome and its impact on listener
judgement*

Current funded research



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Current funded research



Thanks