



Queen Margaret University

**where are we now?**

Sara E. Wood

*Queen Margaret University, Scotland*

1999



2005

2006

2007

2008

2009

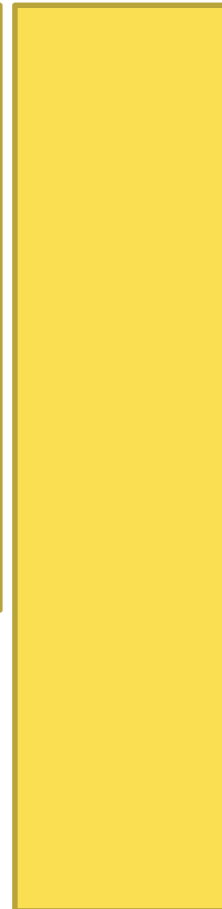
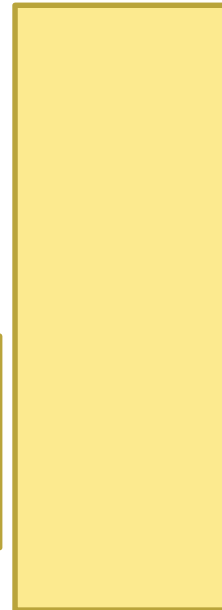
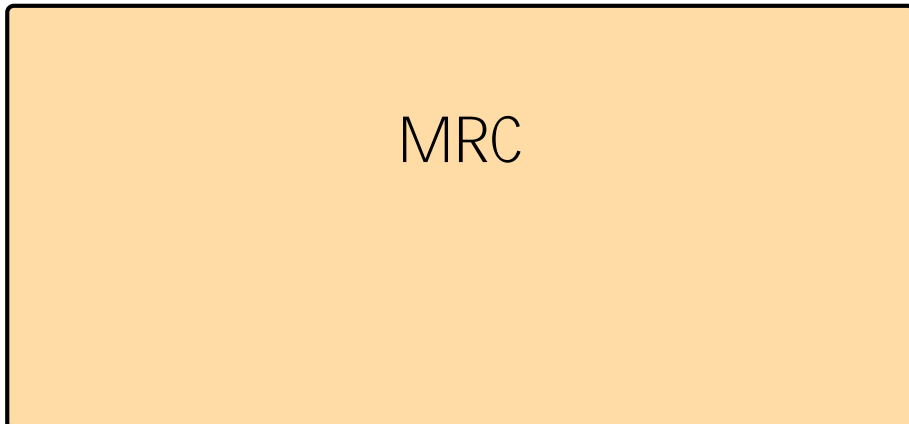
2010

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

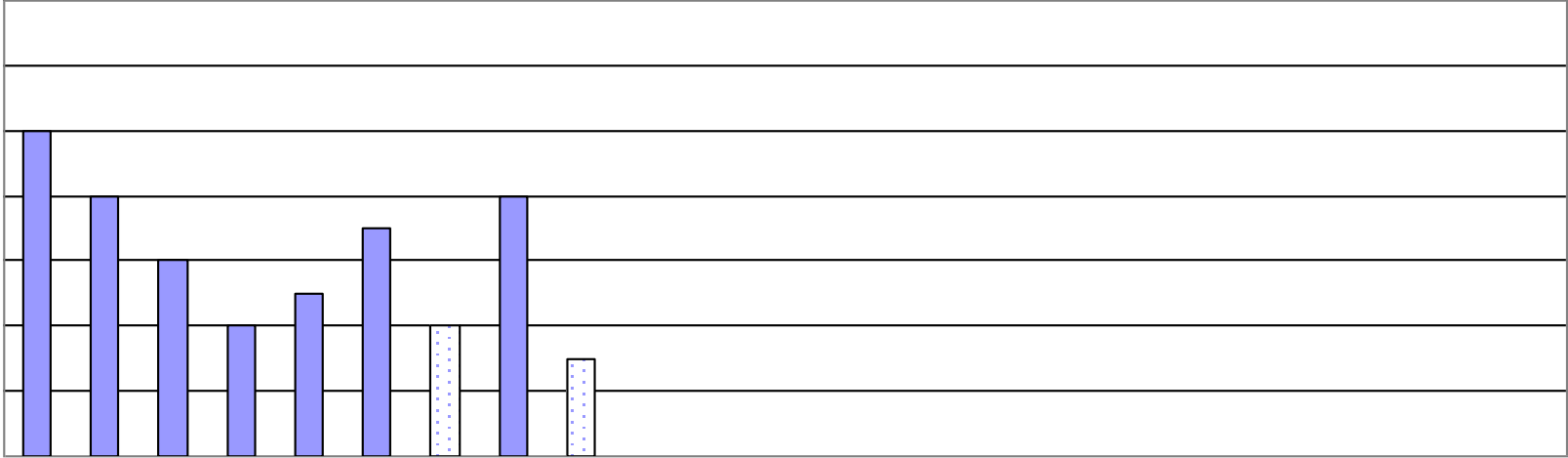
Statistically significant difference in  
COG measure

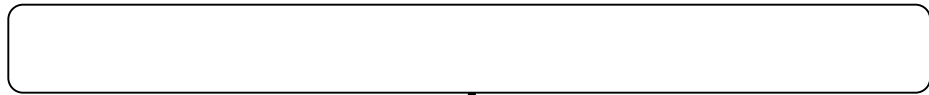
Stable contact patterns for /t/ & /k/

# 3 year MRC project

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Speech, Language, Cognitive Assessments  
EPG recording

Conventional  
Therapy  
(EPG assessment)

EPG Therapy

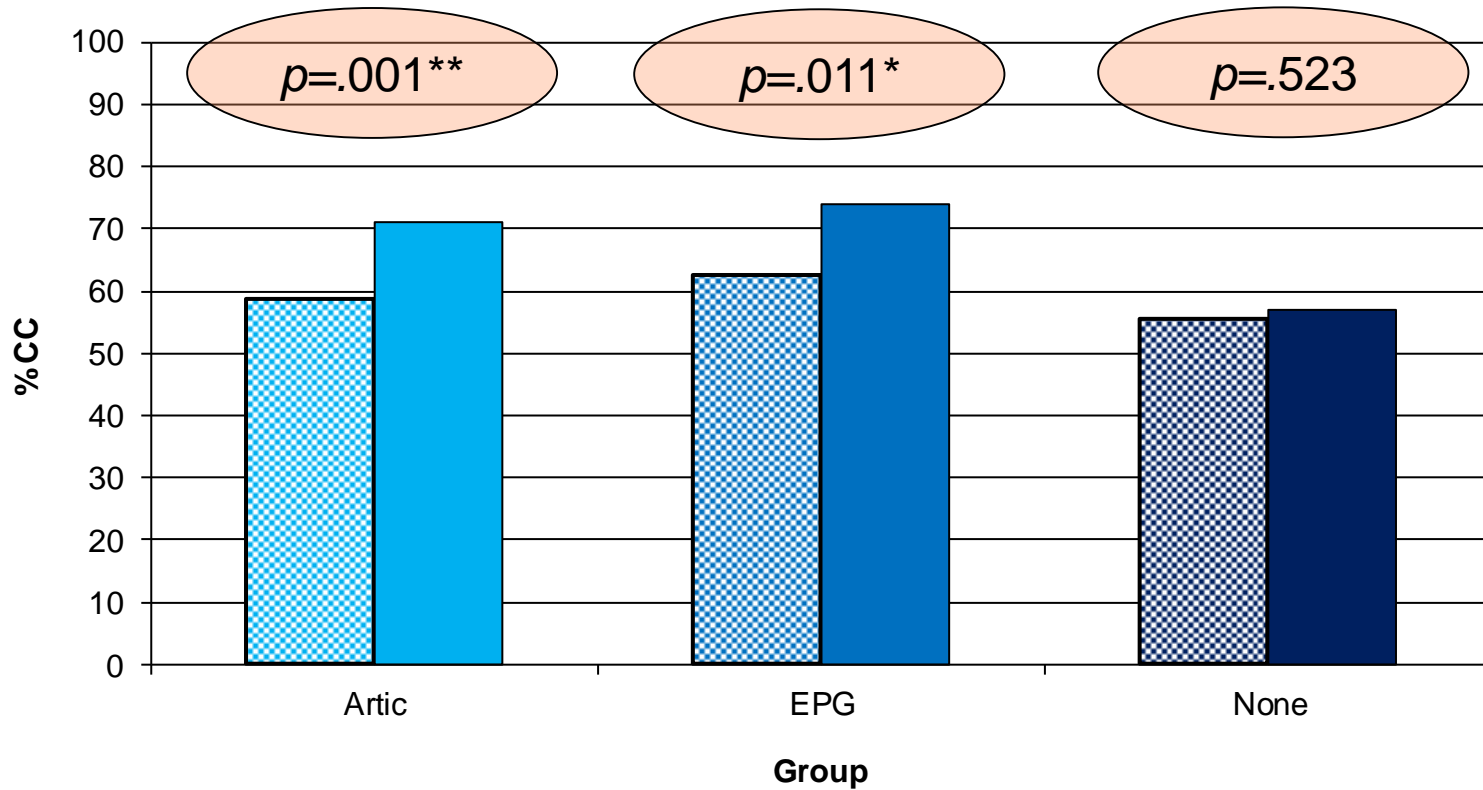
Control  
(treatment as usual)

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



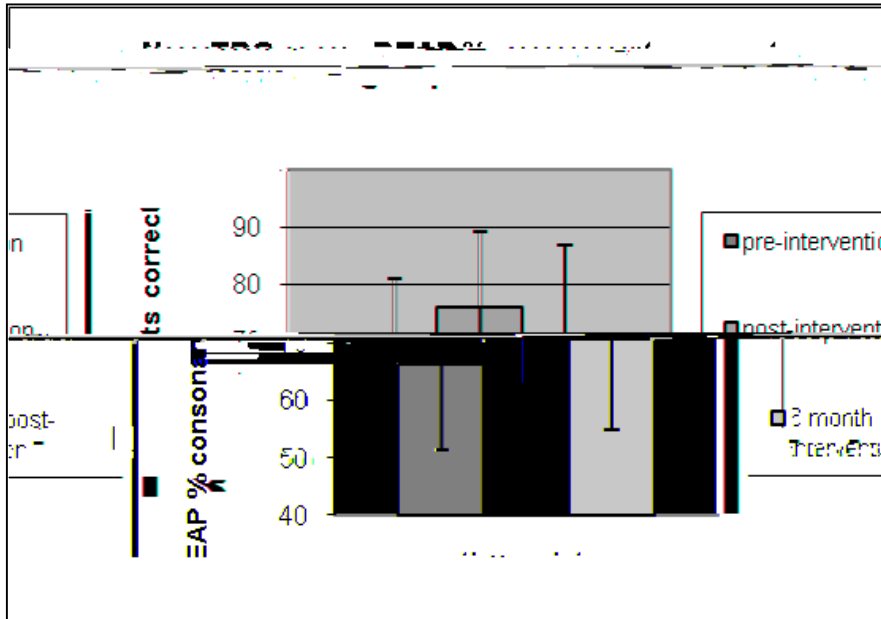
# PCC: All groups

Increase in PCC

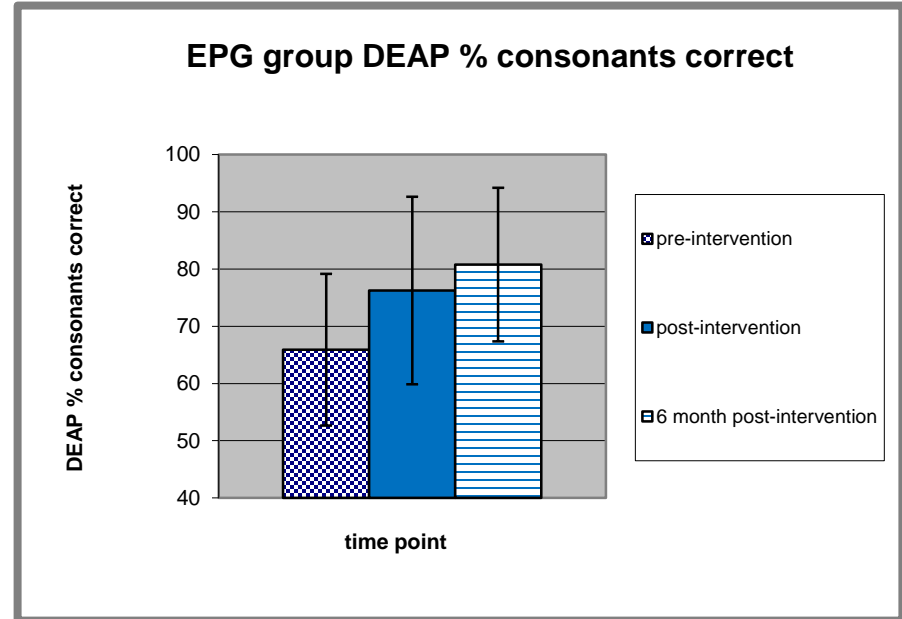








Mean % consonants correct increases immediately post-intervention, with partial relapse at 6 month post-intervention



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