IDENTIFYING DEMOGRAPHIC & LANGUAGE PROFILES OF CHILDREN WITH A PRIMARY DIAGNOSIS OF AD(H)D



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INTRODUCTION

Children with attention deficit (hyperactivity) disorder (AD(H)D) have been found to present with oral language problems and pragmatic language deficits (e.g. Mathers, 2006, Im-Bolter & Cohen, 2007).

Additionally. speech, language and communication profiles have been investigated, to discriminate profiles of children with SLI, ASD and AD(H)D from those with typical development (e.g. Mc Grath et al., 2008; Geurts & Embrechts, 2008; Redmond Thompson, & Goldstein, 2011)

Language testing has been an integral part of these investigations

However, because of the variability and complexity of language profiles in AD (H)D, there has been a call to revisit the prevalence of co-occurring language impairments in this population (*Redmond et al.*, 2011 114).

Detailed language assessment is necessary to elucidate, at least in part, the nature of language impairment in AD(H)D and possibly as associated with AD(H)D subtypes.

AIMS

1.To explore the language profiles of 36 school age children (9-12 yrs) with AD(H)D attending CAMHS as assessed on a battery of standardised tests.

2. To explore relationships between and across language areas (e.g. receptive and expressive language, vocabulary and reading skills)

3.To discern whether children's language performance on testing bears any relationship to their subtype of AD(H)D

METHOD

Setting: Child and Adolescent Mental Health Service (CAMHS) Study Context: Part of a larger ongoing research project

Participants

•36 children aged between 9 and 12 years (mean age 10yrs 10m) •all had a primary diagnosis of AD(H)D; many had secondary diagnoses

•SLT assessment over 3 x 1 hour assessment sessions

each child seen individually

•SLT student(s) and SLT supervisor present

•Note: Children were deemed to have a Language Impairment on testing as per the authors' guidelines re CELF 3 and CELF 4 i.e. Standard Score of 85 or below on testing)

LANGUAGE AREA ASSESSED	TEST USED
Receptive & Expressive Language	Clinical Evaluation of Language Fundamentals: CELF 3 (Semel, Wing & Secord, 1993 and CELF 4 UK (Semel, Wing & Secord, 2006) (CELF 3 =14 children) & CELF 4 (=22 children)
Receptive Vocabulary	British Picture Vocabulary Scale (Dunn, Dun Whetton, 1982, 1997)
Reading comprehension & accuracy	Neale Analysis of Reading Ability-III (Neal 1989, 1997).
*Communication	Children' s Communication Checklist (Bishop, 2003)
*Other e.g. Discourse	Discourse Analysis

* Findings reported elsewhere e.g. Walsh et al ., (2010/ 2011)

 References
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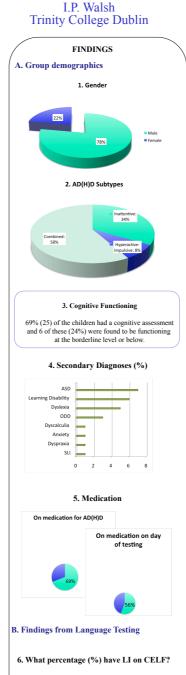
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Language Rec & Expr Ll

