Assessments of Dysarthria and Apraxia of Speech

Ashley Nkosi and Jenn Sharpe
Motor Speech Disorders

**Apraxia of Speech**
- Not a dysarthria or an aphasia
- Affects programming and planning of speech
- Can be present without any other communication disturbances.

(Duffy, 2005)

**Dysarthria**
- A speech disorder with neurological bases
- Characterized by paralysis, weakness or incoordination of the speech musculature

(Darley, Aronson, & Brown, 1975)
Differential Diagnosis

- Anatomy and Vascular Distribution
- Etiology
- Oral Mechanism Findings
- Speech Characteristics

(Duffy, 2005)
Tests of Oral Peripheral-Neuromotor Speech

- Verbal Motor Production Assessment for Children (VMPAC) (Hayden & Square, 1999)
- Mayo Clinic Oral Peripheral-Neuromotor Speech Examination (not published)
Published Tests of Dysarthria

- Frenchay Dysarthria Assessment (FDA) (Enderby, 1983)
- Dysarthria Examination Battery (DEB) (Drummond, 1993)
- Quick Assessment for Dysarthria (Tanner & Culbertson, 1999)
Published Tests of Intelligibility for Dysarthric Speakers

- Assessments of Intelligibility in Dysarthic Speakers (AIDS) (Yorkston & Beukelman, 1981)
  - Sentence Intelligibility Test (updated computerized version of the sentence portion of AIDS)
- Word Intelligibility Test (Kent, 1989)
Published Tests for AOS

- The Apraxia Profile (1997)
  - Childhood Apraxia of Speech
- Apraxia Battery for Adults-Second Edition (ABA-2) (Dabul, 2000)
  - Apraxia of Speech - Adults
Assessment Planning

- Background/ history
- Oral Peripheral-Neuromotor Speech Examination
- Dysarthria vs. AOS
- Diagnosis and Treatment Recommendation
References