

# Assessments of Dysarthria --- and Apraxia of Speech

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# Motor Speech Disorders

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## **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

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

(Duffy, 2005)

## Tests of Oral Peripheral-Neuromotor Speech

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

# Published Tests of Dysarthria

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- 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

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- Assessments of Intelligibility in Dysarthric 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

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

# Assessment Planning

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

# References

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