



## *Longwood's Speech, Language and Learning Services*

Third Street, Farmville, VA 23901

Phone: 434.395.2972 Fax: 434.395.2969

**Name:** John Doe

**Date of Evaluation:** 7/24/18

**Address:** 123 SHLS Rd. Farmville, VA 23901

**File #:** 1234567

**Date of Birth:** 5/24/10

**Chronological Age:** 8;2

**Date of report:** 7/26/18

**Sp-Lang DX / ICD-10#:** F80.81 (Childhood onset of fluency)

### **History and Presenting Complaint**

John is a 8-year-old male, who was referred to Longwood University Speech, Hearing and Learning services by his pediatrician, Dr. Lancer, regarding concerns for his fluency. John met all of his developmental milestones on time. John began to crawl around at 7 months of age, started walking at 10 months of age and said his first word at approximately 12 months of age. John's mother reported that there is not a family history of stuttering, but John's older sister has received speech and language services in the past for articulation. John and his mother reported that his speech significantly interferes with his ability to communicate his needs and wants effectively. Others will frequently interrupt him when he is talking and finish his sentences for him. John and his mother reported that he avoids talking in most situations. He does not like to participate in class. He gets very nervous when he has to go to social functions, such family gatherings.

### **Behavioral Observations**

John was alert and compliant with all tasks. Informal observation revealed tension in his face and jaw during all speaking tasks. John demonstrated moderate difficulty initiating speech. John's performance on informal spontaneous and directed speech tasks included prolongations, blocks, syllable repetitions, phrase repetitions and word substitutions. John exhibited secondary behaviors of eye closure, excessive eye blinking, and tense jaw muscles, as well as very effortful speaking and breathing.

### **Assessment Data**

**Hearing Screening:** Otoscopy revealed normal ear canal and tympanic membrane in both the left and right ears. John passed a pure tone hearing screening for both right and left ears performed at 25 dB for 1000, 2000, and 4000 Hz.

**Fluency:** The *Stuttering Severity Instrument – 4* (SSI-4) was given to measure stuttering severity across four areas of speech behaviors: frequency, duration, physical concomitants as well as naturalness of John's speech. Frequency is expressed in percent syllables stuttered and converted to scaled scores of 2-18. Duration is timed to the nearest one tenth of a second and converted to scaled scores of 2-18. The four types of physical concomitants are converted to scaled scores of 0-20. The severity equivalent scores are as follows: very mild (scaled score 6-10), mild (scaled score 11-20), moderate (scaled score 21-27), severe (scaled score 28-35) and very severe (scaled score 36+). John had a total score of 21, which suggests that his stutter is borderline moderate to severe. The results are as follows:

Frequency Reading Task Task Score Speaking Task Task Score	10% Syllables Stuttered 7 15% Syllables Stuttered 8
Duration Average of longest 3 stuttering events	6 SS
Physical Concomitants Distracting Sounds Facial Grimaces Head Movements  Movements of the Extremities Physical Concomitant Score	0 (None) 3 (Distracting) 2 (Barely noticeable to casual observer) 0 (None) 5
Total Score Frequency Duration Physical Concomitants Percentile Severity	21 15 6 5 77 <sup>th</sup> Moderate

The clinicians also provided John with a survey, *Overall Assessment of the Speaker's Experience with Stuttering (OASES)*, to gain information about his current personal experiences with speech and stuttering. There are four sections which include: General Information about stuttering, Reactions to Stuttering, Communication in Daily Situations, and Quality of Life. E Questions such as, "How much do you know about what helps people stutter less often?" and "How often do you feel tension in your muscles when you stutter?" were answered on a number scale to calculate the Impact Score of stuttering. The Impact Scores are categorized as follows: Mild (1.00-1.49), Mild/Moderate (1.50-2.24), Moderate (2.25-2.99), Moderate/Severe (3.00-3.74), and Severe (3.75-5.00). Based on the results, John presents with a moderate to severe Impact Score for all sections and an overall moderate to severe Impact Score of 3.44. Below are the detailed results.

Section	Points (A)	Items Completed (B)	Impact Score (A / B)
<b>I-General Information</b>	47	13	3.62
<b>II-Your Reactions to Stuttering</b>	72	20	3.60
<b>III-Communication in Daily Situations</b>	49	15	3.27
<b>IV-Quality of Life</b>	28	9	3.11

<b>Overall</b>	196	57	3.44
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### **Analysis and Summary:**

Based on the results of the *Stuttering Severity Instrument-4 (SSI-4)* and the *Overall Assessment of the Speaker's Experience with Stuttering (OASES)*, John has a moderate to severe fluency disorder. His disfluencies consist of prolongations, blocks, word substitutions, as well as sound and phrase repetitions. His secondary characteristics consist of eye blinking eye closure as well as tension in his jaw muscles. His disfluencies significantly interfere with his ability to communicate his needs and wants effectively and independently.

### **Recommendations**

- Skilled speech therapy 2 x / week for 1 hour / session to address primary and secondary features of a moderate to severe fluency disorder.
- Parent involvement in therapy so that the parent can help John implement his fluency strategies at home.

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Laurin Bowman, B.A  
Graduate Student Clinician

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Date

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Jalyn Taylor, B.S  
Graduate Student Clinician

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Date

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Ronda Walker, Ph.D., CCC-SLP  
Supervising Clinician

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Date