Supplemental material, Iuzzini-Seigel et al., "A Tool for Differential Diagnosis of Childhood Apraxia of Speech and Dysarthria in Children: A Tutorial," LSHSS, https://doi.org/10.1044/2022\_LSHSS-21-00164

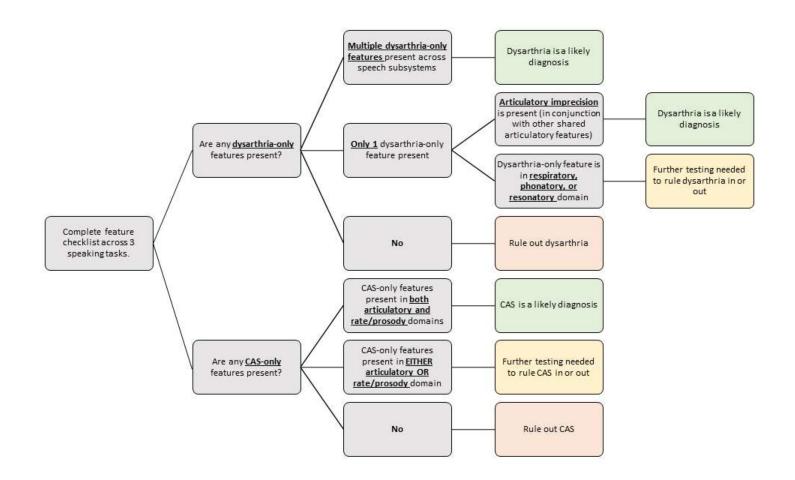
Child's Name		Clinician's Name		Date of Evaluation					
	ProCAD (Pr	ofile of Childhood Apraxia of speech a	and Dysarthria) Audi	tory-Perce	ptual Featur	re Rating C	hecklist		
Speech Subsystem	Speech Feature		Dysarthria/ CAS/ Both	Speecl	h Task 1	Speech	1 Task 2	Speech	Task 3
Respiration/ Phonation (R/P)	Volume	Low volume or loudness decay	Dysarthria <sup>*, ***</sup>						
		Excessive loudness	Dysarthria <sup>*, **,***</sup>						
		Excess loudness variation	Dysarthria <sup>*,***</sup>						
	Speech breathing	Effortful/ Audible inspiration	Dysarthria <sup>*,***</sup>						
		Short breath groups	Dysarthria <sup>*,***</sup>						
	Atypical voice quality		Dysarthria <sup>*,**,***</sup>						
Resonance (Res)	Fluctuating resonance/intermittent hyper/hyponasality		Both <sup>*,***,†</sup>						
	Consistent hypernasality (with or without nasal emission)		Dysarthria <sup>*,**,***</sup>						
Rate/ Prosody (Pros)	Slow rate		Both*,**,***,†,††						
	Atypical stress/reduced stress		Both*,**,***,†,††						
	Lexical stress errors		CAS <sup>†,††</sup>						
	Syllable segregation		CAS <sup>†,††</sup>						
Articulation (Artic)	Imprecise a	Imprecise articulatory contacts							
	Consonant distortions		Both**,***,†,††						
	Vowel errors		Both*,**,***,†,††						
	Voicing errors		Both*,**,†,††						
	Intrusive schwa		CAS <sup>†,††</sup>						
	Groping (articulatory searching)		CAS <sup>†,††</sup>						
	Increased difficulty with multisyll. words		CAS <sup>†,††</sup>						
	Difficulty with initial artic configs/ transitionary movement gestures		CAS <sup>†,††</sup>						
# Dys-only features									
# CAS-only features									
# Total features									
Subsystems involved				□ R/P	□ Res	□ R/P	$\Box$ Res	□ R/P	□ Res
				🗆 Pros	□ Artic	🗆 Pros	□ Artic	🗆 Pros	□ Artic
Diagnosis									
Severity									

\*Duffy 2019, \*\*Workinger & Kent, 1992, \*\*\* Scholderle et al, 2020

<sup>†</sup>Iuzzini-Seigel, Hogan & Green, 2017, <sup>††</sup>Shriberg, Potter & Strand, 2011

(Iuzzini-Seigel, Allison, & Stoeckel, 2022)

Supplemental Material S2. Auditory-perceptual feature list template and decision-making flowchart to support clinical application.



(Iuzzini-Seigel, Allison, & Stoeckel, 2022)