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

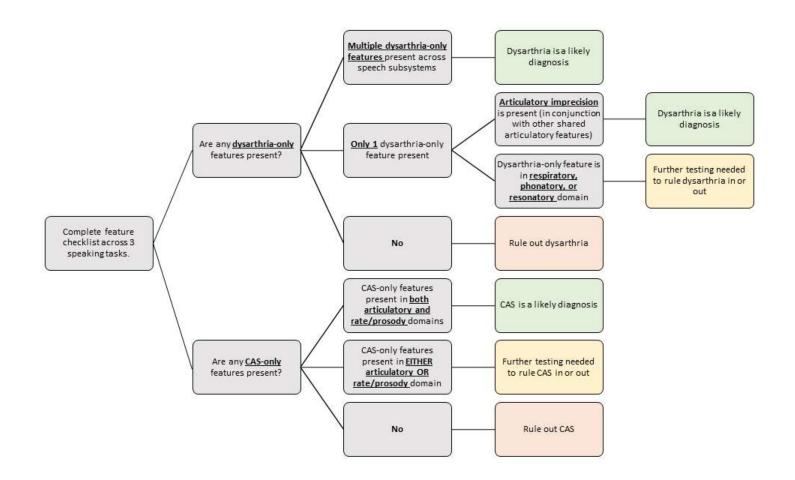
Child's Name		Clinician's Name		Date of Evaluation					
	ProCAD (Pr	ofile of Childhood Apraxia of speech a	and Dysarthria) Audi	tory-Perce	ptual Featur	re Rating C	hecklist		
Speech Subsystem	Speech Feature		Dysarthria/ CAS/ Both	Speecl	h Task 1	Speech	1 Task 2	Speech	Task 3
Respiration/ Phonation (R/P)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

[†]Iuzzini-Seigel, Hogan & Green, 2017, ^{††}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)