

1. ProCAD Auditory-Perceptual Feature Rating Checklist

Quick Description: A diagnostic checklist used to rate and differentiate auditory-perceptual speech features to aid in distinguishing between childhood apraxia of speech and pediatric dysarthria.

Child's Name _____ Clinician's Name _____ Date of Evaluation _____

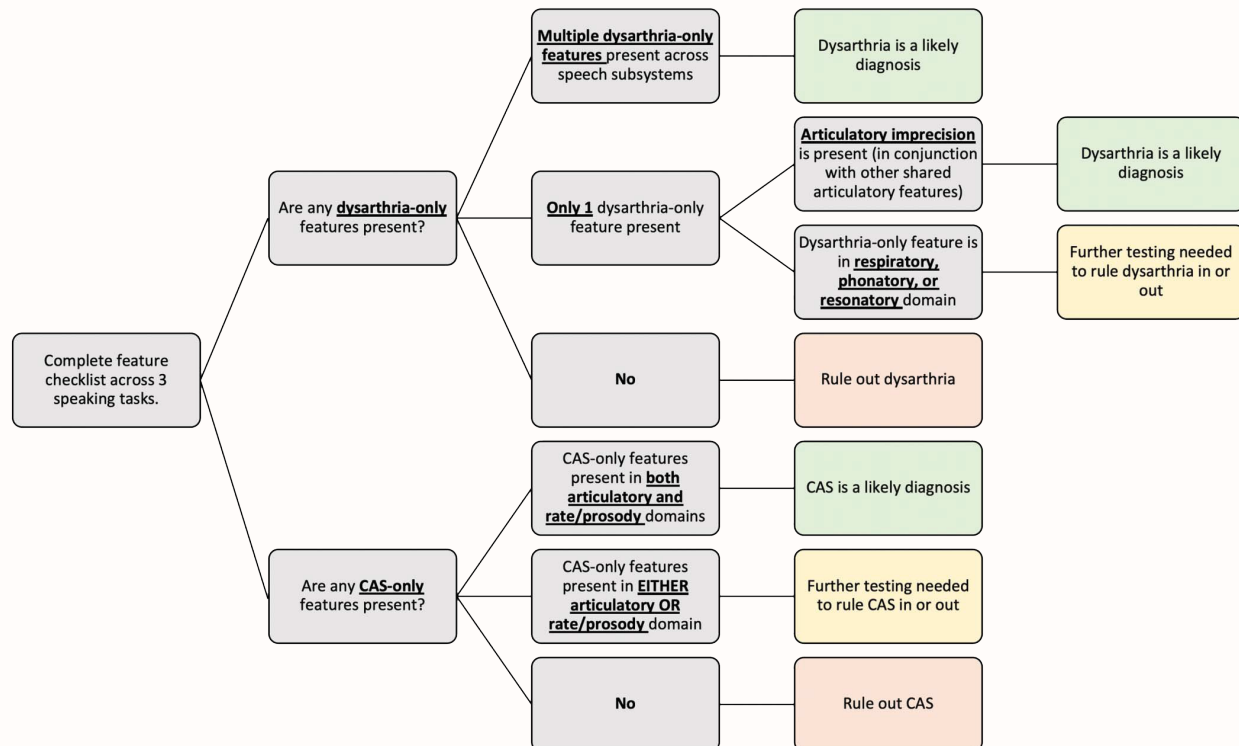
ProCAD (Profile of Childhood Apraxia of speech and Dysarthria) Auditory-Perceptual Feature Rating Checklist

Speech Subsystem	Speech Feature		Dysarthria/ CAS/ Both	Speech Task 1	Speech 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 articulatory contacts		Dysarthria [*]			
	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/ transitional movement gestures		CAS ^{†,††}			
# Dys-only features						
# CAS-only features						
# Total features						
Subsystems involved			☐ R/P ☐ Res ☐ Pros ☐ Artic	☐ R/P ☐ Res ☐ Pros ☐ Artic	☐ R/P ☐ Res ☐ Pros ☐ Artic	
Diagnosis						
Severity						

*Duffy 2019, **Workinger & Kent, 1992, *** Scholderle et al, 2020, †Iuzzini-Seigel, Hogan & Green, 2017, ††Shriberg, Potter & Strand, 2011

Citation: Iuzzini-Seigel, J., Allison, K. M., & Stoeckel, R. (2022). *A Tool for Differential Diagnosis of Childhood Apraxia of Speech and Dysarthria in Children: A Tutorial*. Language, Speech, and Hearing Services in Schools, 53, 926-946.

ProCAD Diagnostic Flow Chart



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

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