

# Differential Diagnosis Chart (Apraxia, Dysarthria, Aphasia)

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Y/N	Characteristic	Apraxia	Dysarthria	Aphasia
	Distorted sound substitutions & additions (not including intrusive schwa "uh")	✓	-	-
	Inaccurate speech AMRs ("puhpupuh")	✓	-	-
	Speech SMRs ("puhtuhkuh") more difficult than AMRs	✓	-	✓
	Increased sound distortions/ distorted sound substitutions with increased speech rate, utterance length, &/or complexity	✓	-	-
	Reduced words per breath group relative to max. vowel duration	✓	-	-
	Muscle weakness	-	✓	-
	Respiration affected	-	✓	-
	Phonation affected	-	✓	-
	Resonance affected	-	✓	-
	Voice changes	-	✓	-
	Language processing deficits	-	-	✓
	Reading and/or writing abilities affected	-	-	✓
	Articulatory deficits	✓	✓	-
	Prosodic deficits	✓	✓	-
	Sound distortions	✓	✓	-
	Slow overall speech rate	✓	✓	-
	Lengthened intersegment durations	✓	✓	-
	Lengthened vowel and/or consonant segments	✓	✓	-
	Syllable segmentation within/across words in phrases/sentences	✓	✓	-
	Articulatory groping	✓	-	-
	Inconsistent errors	✓	-	✓
	Sound/syllable repetitions	✓	✓	✓
	Sound prolongations	✓	✓	✓

\* Informed by The Apraxia of Speech Rating Scale by Strand et al., 2014