

Indicators of Atypical Motor Speech Control

INAPPROPRIATE LOUDNESS
(TOO LOW OR TOO HIGH)

LIMITED LIP-JAW SEPARATION
(JAW-ASSISTED BILABIALS)

LIMITED BREATH SUPPORT
(DECREASED MLU)

LIMITED TONGUE-JAW SEPARATION
(JAW-ASSISTED TONGUE MOVEMENTS)

ATYPICAL VOICE QUALITY
(E.G., BREATHY, HOARSE, HARSH)

PATTERNS OF SPEECH SOUND ERRORS
(FRONTING/BACKING, EPENTHESIS, FINAL
CONSONANT DELETION ETC.)

RESONANCE ISSUES
(E.G., HYPO/HYPER NASALITY)

DISTORTED VOWELS AND CONSONANTS

SPEECH SUBSYSTEM COORDINATION ISSUES
(E.G. PHONATION-ARTICULATION,
VOICED/VOICELESS ERRORS)

WHOLE TONGUE MOVES AS A UNIT
(UNDIFFERENTIATED TONGUE GESTURES)

JAW SLIDING
(LATERAL OR ANTERIOR)

**SYLLABLE SEGREGATION & INCORRECT
LEXICAL STRESS/PROSODY**

SLOW SPEECH RATE

INCONSISTENT SPEECH
(HIGH VARIABILITY WITHIN AND ACROSS CONTEXTS)

**EXCESSIVE OR LIMITED JAW
MOVEMENT RANGE**

SPEECH IS DIFFICULT TO UNDERSTAND
(LOW INTELLIGIBILITY)

**DIFFICULTY ADJUSTING JAW HEIGHT ESP.
FOR MID VOWELS**
(JAW GRADING)

ARTICULATORY GROPING
(SEARCHING FOR TARGETS)

DECREASED LIP ROUNDING AND RETRACTION
(E.G. OVERLY RETRACTED, OR TIGHT UPPER LIPS)

PREFERRED SOUND PATTERNS
(“HA” FOR MOST WORDS; PHONEME COLLAPSE)