

# VoQS: Voice Quality Symbols

(updated to 2016)

## Airstream Types

Ⓞ buccal airstream	↓ pulmonic ingressive speech
Ⓒ œsophageal airstream	Ⓜ tracheo-œsophageal speech

## Phonation Types

V modal voice	F falsetto	W whisper	C creak
Ṽ whispery voice	Ṽ creaky voice	Ṽ breathy voice	V! harsh voice
F̣ whispery falsetto	F̣ creaky falsetto	F! harsh falsetto	C! harsh creak
V! harsh whispery voice	Ṽ! harsh creaky voice		
Ṿ̃ whispery creaky voice	Ṽ! harsh whispery creaky voice		
F̣̣ whispery creaky falsetto	F̣! harsh whispery creaky falsetto		
Ṿ̃ slack/lax voice	Ṿ̃ pressed phonation / tight voice		
V!! ventricular phonation	Ṽ!! diplophonia		
V!! whispery ventricular phonation	V <sup>ʌ</sup> aryepiglottic phonation		
ΛW spasmodic dysphonia	И electrolarynx phonation		

## Larynx Height

Ḷ raised-larynx voice	ḷ lowered-larynx voice
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## Supralaryngeal Settings

Labial settings, lingual settings, state of the velum, jaw and tongue settings

V <sup>œ</sup> labialized voice (open rounded)	V <sup>w</sup> labialized voice (close rounded)
Ṿ̃ spread-lip voice	V <sup>ɒ</sup> labio-dentalized voice
Ṿ̃ linguo-apicalized voice	Ṿ̃ linguo-laminalized voice
V <sup>r</sup> retroflex voice	Ṿ̃ dentalized voice
Ṿ̃ alveolarized voice	Ṿ̃ <sup>j</sup> palato-alveolarized voice
V <sup>j</sup> palatalized voice	V <sup>ɣ</sup> velarized voice
V <sup>ɸ</sup> uvularized voice	V <sup>ɤ</sup> pharyngealized voice
Ṿ̃ <sup>ɤ</sup> laryngo-pharyngealized voice	V <sup>H</sup> faucalized voice
Ṿ̃ nasalized voice	Ṿ̃ denasalized voice
J̣ open-jaw voice	J̣ close-jaw voice
J̣ <sub>&lt;</sub> right offset-jaw voice	J̣ <sub>&gt;</sub> left offset-jaw voice
J̣ <sub>+</sub> protruded-jaw voice	⊖ protruded-tongue voice

**Labeled braces and numerals** mark degree and combinations of voice quality:

[ˈnɔːməɪl ˈvɔɪs]	[[3V! ˈvɛɪi ˈhɑːf ˈvɔɪs 3V!]]	[[Ḷ 1V! ˈlɛs ˈhɑːf ˈvɔɪs wɪð ˈɹeɪzɪd ˈlæɪŋks 1V! Ḷ]]
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