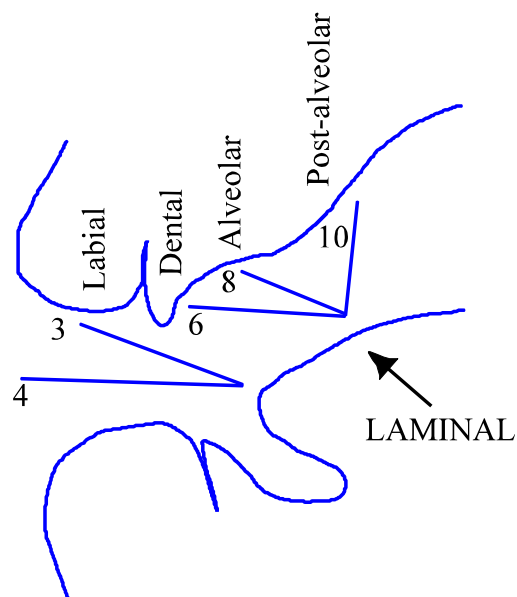
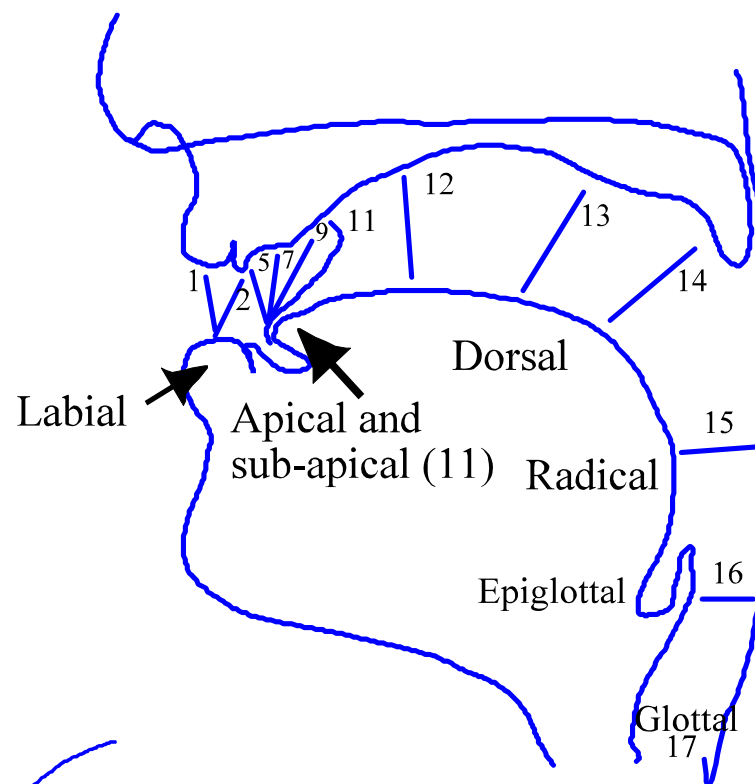
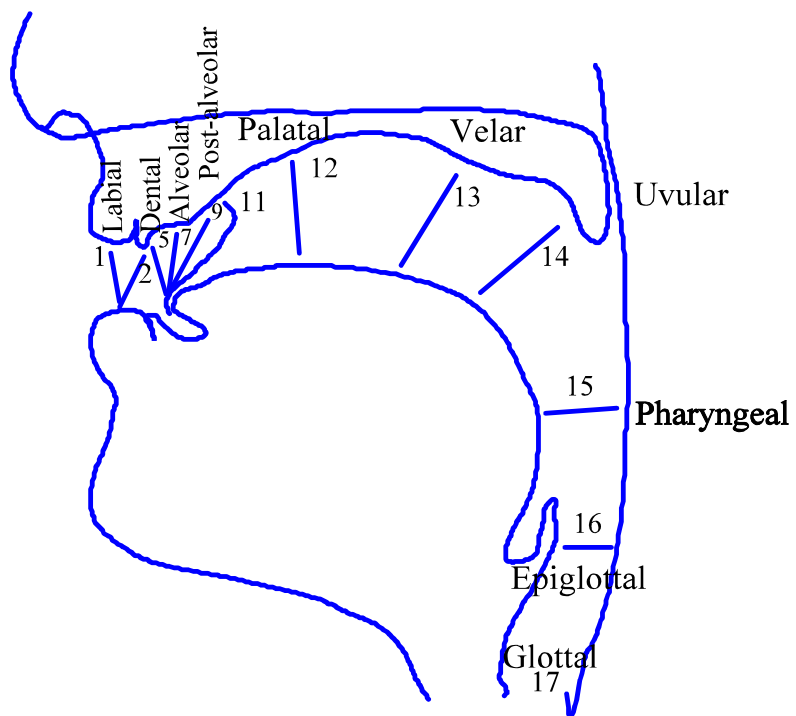




Artikulationsstellen (oben links) und artikulierende Organe (oben rechts und unten mitte) mit Zuordnung zu den “articulatory gestures” auf Beiblatt 2.
In Anlehnung an Abb. 2.1 - 2.3 von L & M, S. 12-14

“Gesture number” (vgl. Abbildungen auf Beiblatt 1)	Übliche Bezeichnung	“Sture” Bezeichnung mit artikulierendem Organ und Artikulationsstelle	Symbolbeispiele
1	Bilabial	Labio-labial	p b m
2	Labiodental	Labio-dental	ɱ f
3	Linguo-labial	Lamino-labial	ɮ ɣ ʙ
4	Interdental	Lamino-dental	ɮ ɣ ʙ θ
5	Apico-dental	Apico-dental	ɮ ɣ ʙ θ
6	Dental	Lamino-Denti-alveolar	ɮ ɣ ʙ
7	Alveolar	Apico-alveolar	t d n
8	Lamino-alveolar	Lamino-alveolar	ɮ ɣ ʙ
9	Retroflex (apical)	Apico-Post-alveolar	ɮ ɣ ʙ
10	Post-alveolar (veraltet: palato-alveolar)	Lamino-Post-alveolar	ɮ ɣ ʙ ʃ
11	Retroflex (sub-apical)	Sub-apical-(pre-)Palatal (ev. auch sub-laminal)	t ɖ ɳ
12	Palatal	(Pre-)Dorso-palatal	c ɟ ɲ
13	Velar	(Post-)Dorso-velar	k g ŋ
14	Uvular	(Post-)Dorso-uvular	q ɢ ɴ
15	Pharyngeal	Radico-phayngeal	ħ ʕ
16	Epiglottal	Epiglottopharyngeal Epiglottarytenoidal	ʕ ʜ ʕ
17	Glottal	Glottal (??)	ʔ

Diese Tabelle frei nach L & M Table 2.1, S. 15.

Anordnung der Symbolbeispiele (von links nach rechts): Stimmloser Plosiv, Stimmhafter Plosiv, Nasal, Frikative (letztere nur sofern sie als besonders charakteristisch für die jeweilige Artikulation gelten können).

Anmerkung: Das Diakritikum bei Gesture 9 (“subscript dot”) entspricht nicht mehr den IPA-Konventionen, wird aber von L & M verwendet, um zwei Möglichkeiten der Retroflex-Artikulation zu unterscheiden (Gesture 9 vs. Gesture 11)

THE INTERNATIONAL PHONETIC ALPHABET (revised to 1993, updated 1996)

CONSONANTS (PULMONIC)

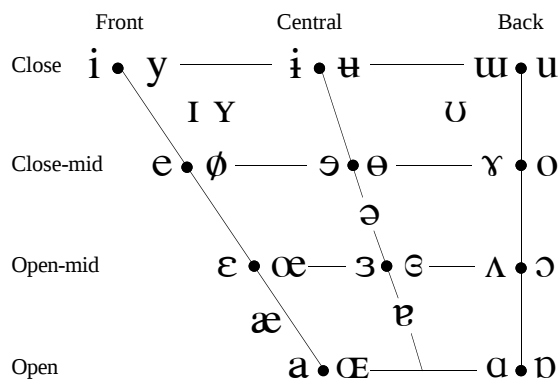
	Bilabial	Labiodental	Dental	Alveolar	Postalveolar	Retroflex	Palatal	Velar	Uvular	Pharyngeal	Glottal
Plosive	p b		t d			ʈ ɖ	c ɟ	k ɡ	q ɢ		ʔ
Nasal	m	ɱ	n			ɳ	ɲ	ŋ	ɴ		
Trill	ʙ		r						ʀ		
Tap or Flap			ɾ			ɽ					
Fricative	ɸ β	f v	θ ð	s z	ʃ ʒ	ʂ ʐ	ç ʝ	x ɣ	χ ʁ	ħ ʕ	h ɦ
Lateral fricative			ɬ ɮ								
Approximant		ʋ	ɹ			ɻ	j	ɰ			
Lateral approximant			l			ɭ	ʎ	ʟ			

Where symbols appear in pairs, the one to the right represents a voiced consonant. Shaded areas denote articulations judged impossible.

CONSONANTS (NON-PULMONIC)

Clicks	Voiced implosives	Ejectives
◌ ɸ Bilabial	ɓ Bilabial	ʼ Examples:
◌ ɗ Dental	ɗ Dental/alveolar	pʼ Bilabial
◌ ɗ̥ (Post)alveolar	f Palatal	tʼ Dental/alveolar
◌ ɗ̥ Palatoalveolar	ɡ Velar	kʼ Velar
◌ ɗ̥ Alveolar lateral	ɠ Uvular	sʼ Alveolar fricative

VOWELS



Where symbols appear in pairs, the one to the right represents a rounded vowel.

OTHER SYMBOLS

ɱ Voiceless labial-velar fricative	ç ʐ Alveolo-palatal fricatives
ʋ Voiced labial-velar approximant	ɭ Alveolar lateral flap
ɰ Voiced labial-palatal approximant	ɥ Simultaneous ɹ and ɰ
ħ Voiceless epiglottal fricative	
ʕ Voiced epiglottal fricative	Affricates and double articulations can be represented by two symbols joined by a tie bar if necessary.
ʡ Epiglottal plosive	

kp ts

SUPRASEGMENTALS

ˈ Primary stress	
ˌ Secondary stress	
ː Long	ˈfounəˈtɪʃən
ˑ Half-long	eˑ
˚ Extra-short	e˚
ˌ Minor (foot) group	
ˌ Major (intonation) group	
ˌ Syllable break	ˌi.ækt
ˌ Linking (absence of a break)	

DIACRITICS Diacritics may be placed above a symbol with a descender, e.g. ɲ̃

◌ Voiceless	◌ ɲ ɖ	◌ Breathy voiced	◌ ɲ̃ ɖ̃	◌ Dental	◌ ʈ ɖ
◌ Voiced	◌ ɲ̃ ɖ̃	◌ Creaky voiced	◌ ɲ̰̃ ɖ̰̃	◌ Apical	◌ ʈ̟ ɖ̟
◌ Aspirated	◌ ʈʰ ɖʰ	◌ Linguolabial	◌ ʈ̟̟ ɖ̟̟	◌ Laminal	◌ ʈ̟̟̟ ɖ̟̟̟
◌ More rounded	◌ ɔ̞	◌ Labialized	◌ ʈʷ ɖʷ	◌ Nasalized	◌ ẽ
◌ Less rounded	◌ ɔ̟	◌ Palatalized	◌ ʈʲ ɖʲ	◌ Nasal release	◌ dⁿ
◌ Advanced	◌ ɯ̟	◌ Velarized	◌ ʈˠ ɖˠ	◌ Lateral release	◌ dˡ
◌ Retracted	◌ ɯ̠	◌ Pharyngealized	◌ ʈˤ ɖˤ	◌ No audible release	◌ d̚
◌ Centralized	◌ ẽ	◌ Velarized or pharyngealized	◌ ʈ̠ ɖ̠		
◌ Mid-centralized	◌ ẽ̞	◌ Raised	◌ ɛ̥ (ɹ̥ = voiced alveolar fricative)		
◌ Syllabic	◌ ɲ̩	◌ Lowered	◌ ɛ̜ (β̜ = voiced bilabial approximant)		
◌ Non-syllabic	◌ ɲ̥	◌ Advanced Tongue Root	◌ ɛ̟		
◌ Rhoticity	◌ ɲ̥ ɲ̥̰	◌ Retracted Tongue Root	◌ ɛ̠		

TONES AND WORD ACCENTS

LEVEL	CONTOUR
ẽ̥ or ɛ̥	Extra high
é̥	High
ē̥	Mid
è̥	Low
ẽ̥̰	Extra low
↓	Downstep
↑	Upstep
e̥ or ɛ̥	Rising
ē̥	Falling
ẽ̥̰	High rising
è̥̰	Low rising
ẽ̥̰̰	Rising-falling
↗	Global rise
↘	Global fall