

List of Demos for Physiological Phonetics

High-speed films of lips

Vowel-related differences in larynx height

Larynx anatomy (Sobotta)

Laryngeal forces: Schematic view with links to
films of excised larynges

Laryngoscopic view of creaky and breathy voice

The layered structure of the vocal folds

Video of larynx using rigid endoscope

Laryngeal movements in running speech: the
devoicing gesture (fiberscopic video)

Animation of vocal fold vibration (and notes on
Bernoulli effect)

High-speed films of vocal fold vibration

Why the Bernoulli effect matters in everyday life

Endoscopic film of larynx of trombone player

Pharynx anatomy (Sobotta)

Velar movements in speech (endoscopic film)

Xray films of speech movements

Animations of 3D tongue shape for vowel
articulation

Lingual anatomy (Sobotta)

Lingual anatomy (Takemoto)

Visible Human: Vocal tract anatomy

MRI views of vowel articulation

Variability in running speech (EMA animations)

Pharyngeal and epiglottal articulations: Esling's
systematisation (with fiberscopic films)

More demos on next page

Phonation types: Electroglottographic examples

**Assimilation in running speech: EMA and EPG
examples**

Intraoral airpressure in speech

Lip/jaw anatomy (Hardcastle/Sobotta)