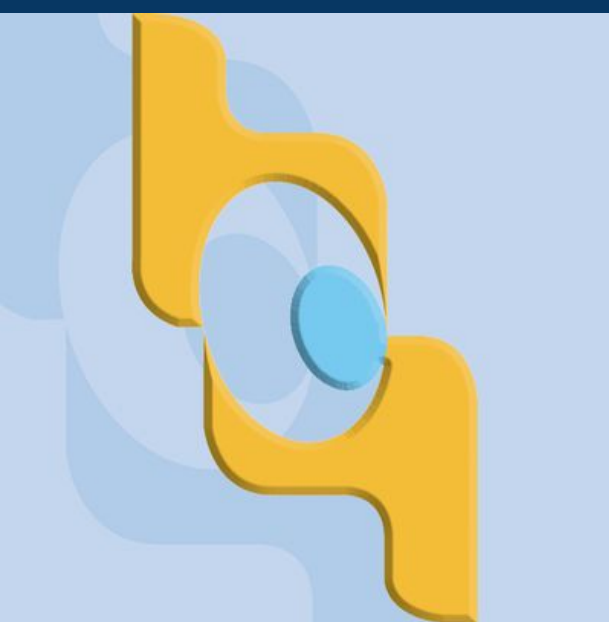


# SPEAK WITH YOUR HANDS

Using Continuous Hand Gestures to control Articulatory Speech Synthesizer

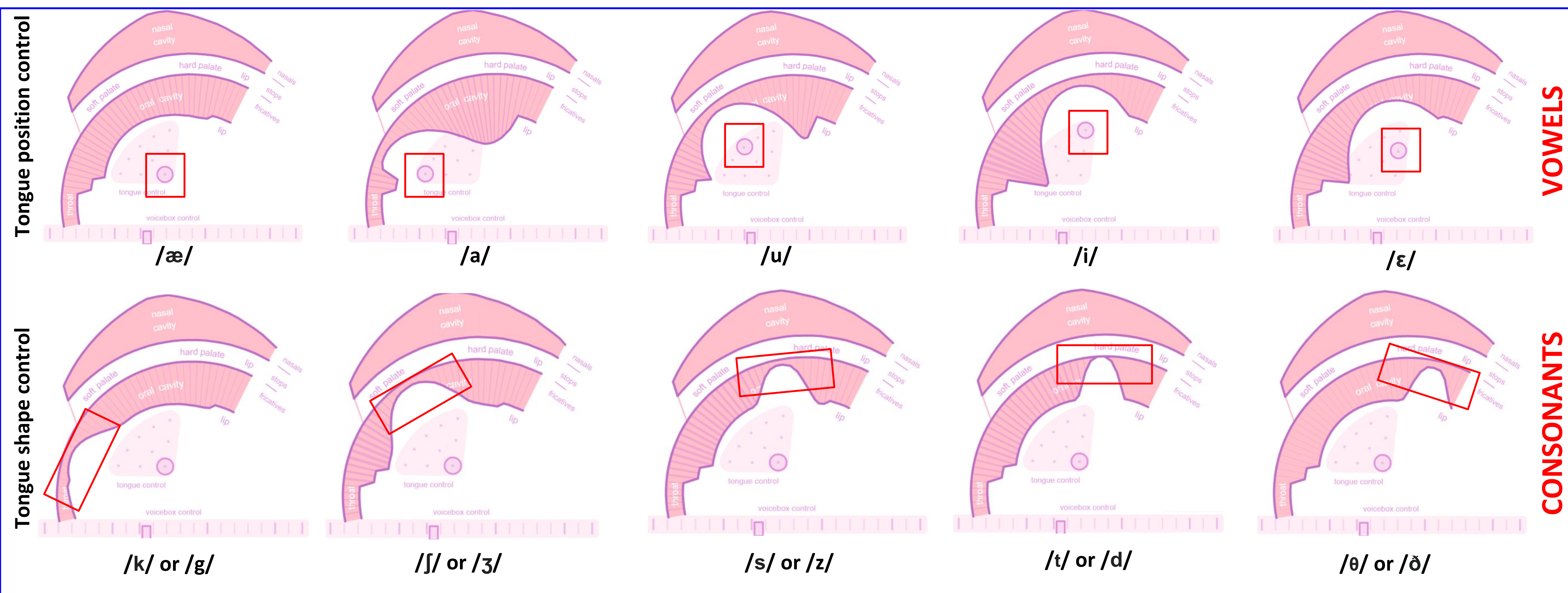


Human Communication Technologies

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University of British Columbia



## PINK TROMBONE TONGUE



## HAND MOVEMENT AND GESTURES

### VOWELS:

- Wrist flexion, extension
- Radial and ulnar deviation

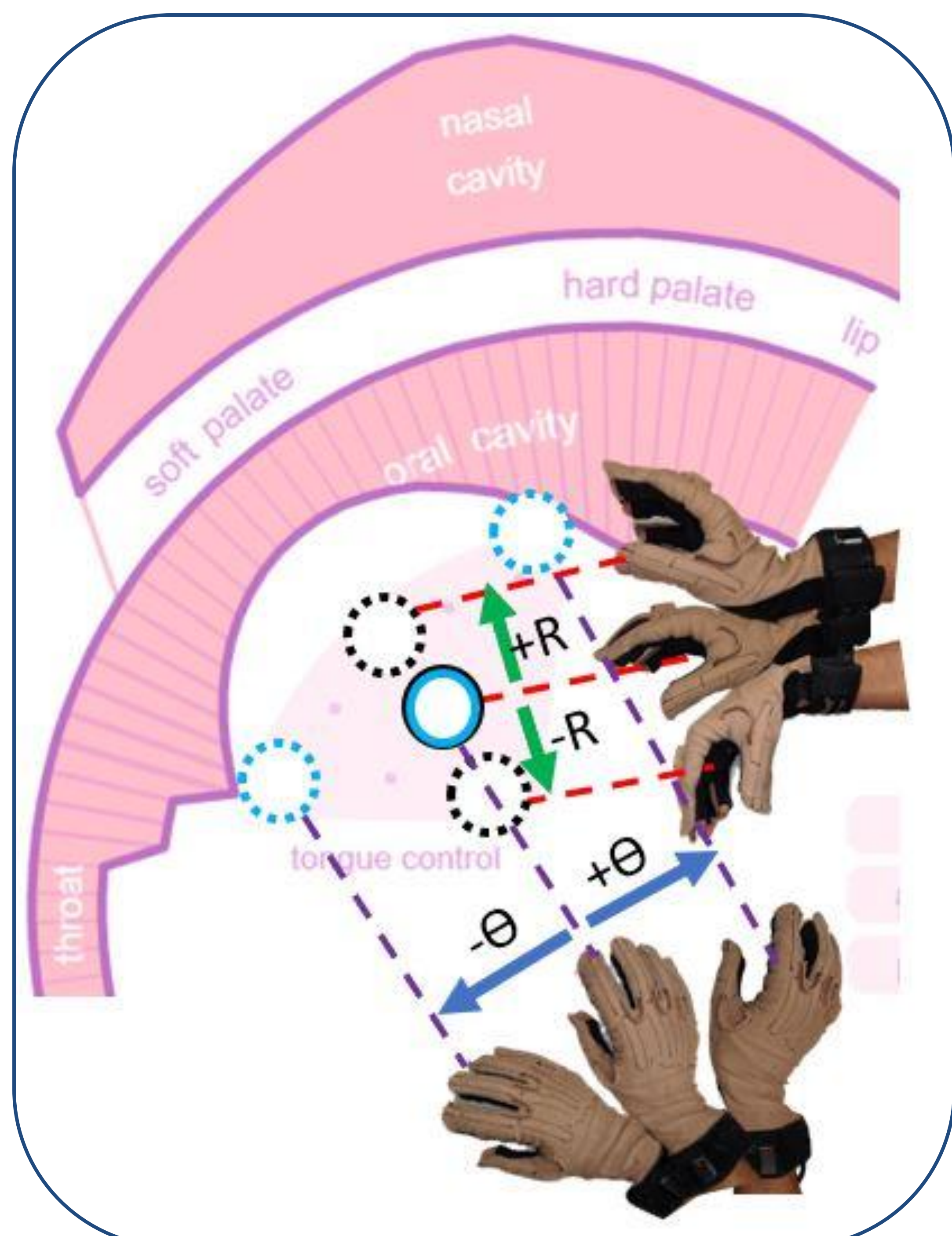
### CONSONANTS:

- Fingers

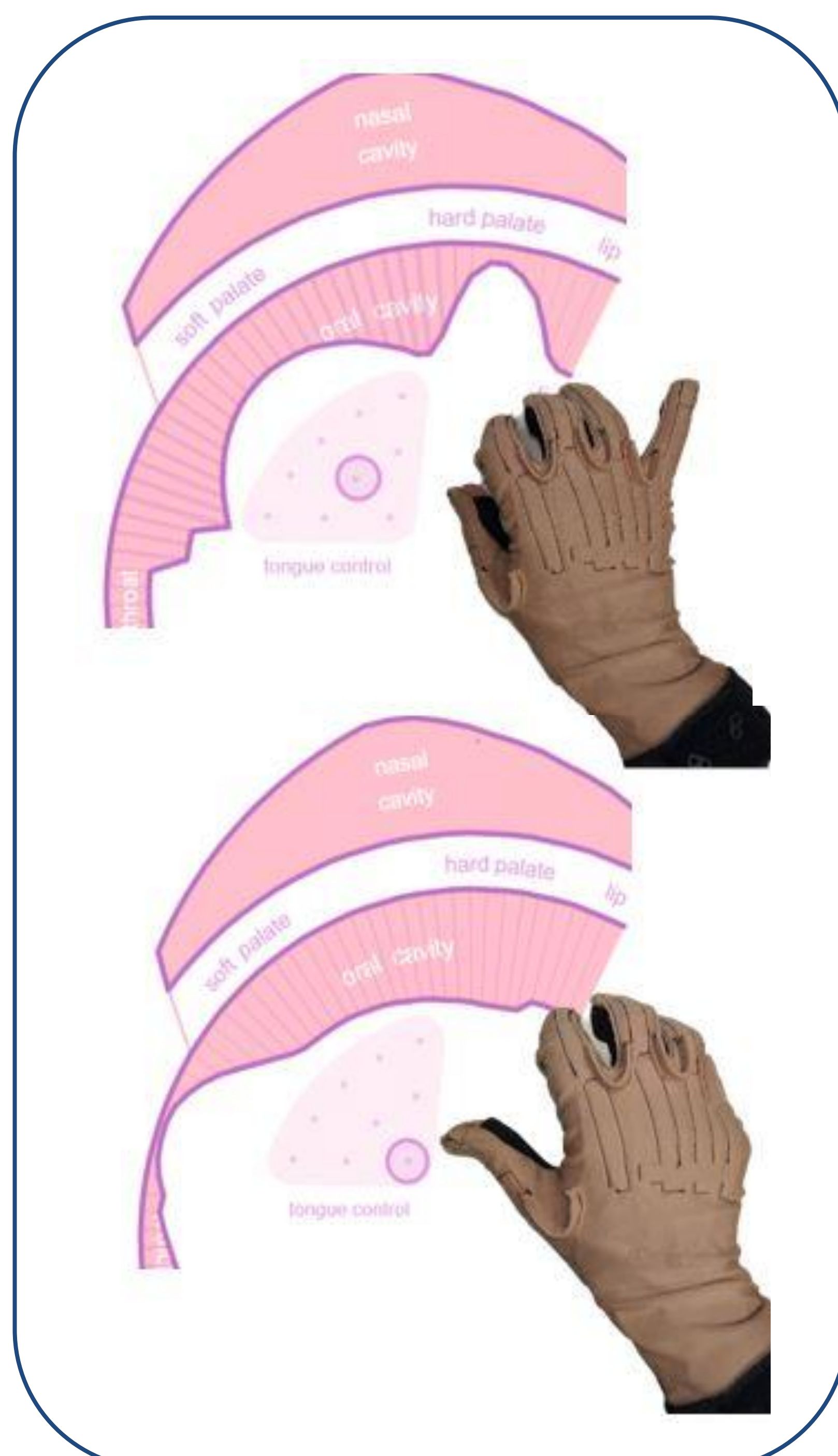


## TONGUE CONTROL WITH HAND

### VOWELS



### CONSONANTS



### VCV Example: /a/-/ð/-/i/

