

Phonetics 1 (part a)
Transcription & Anatomy

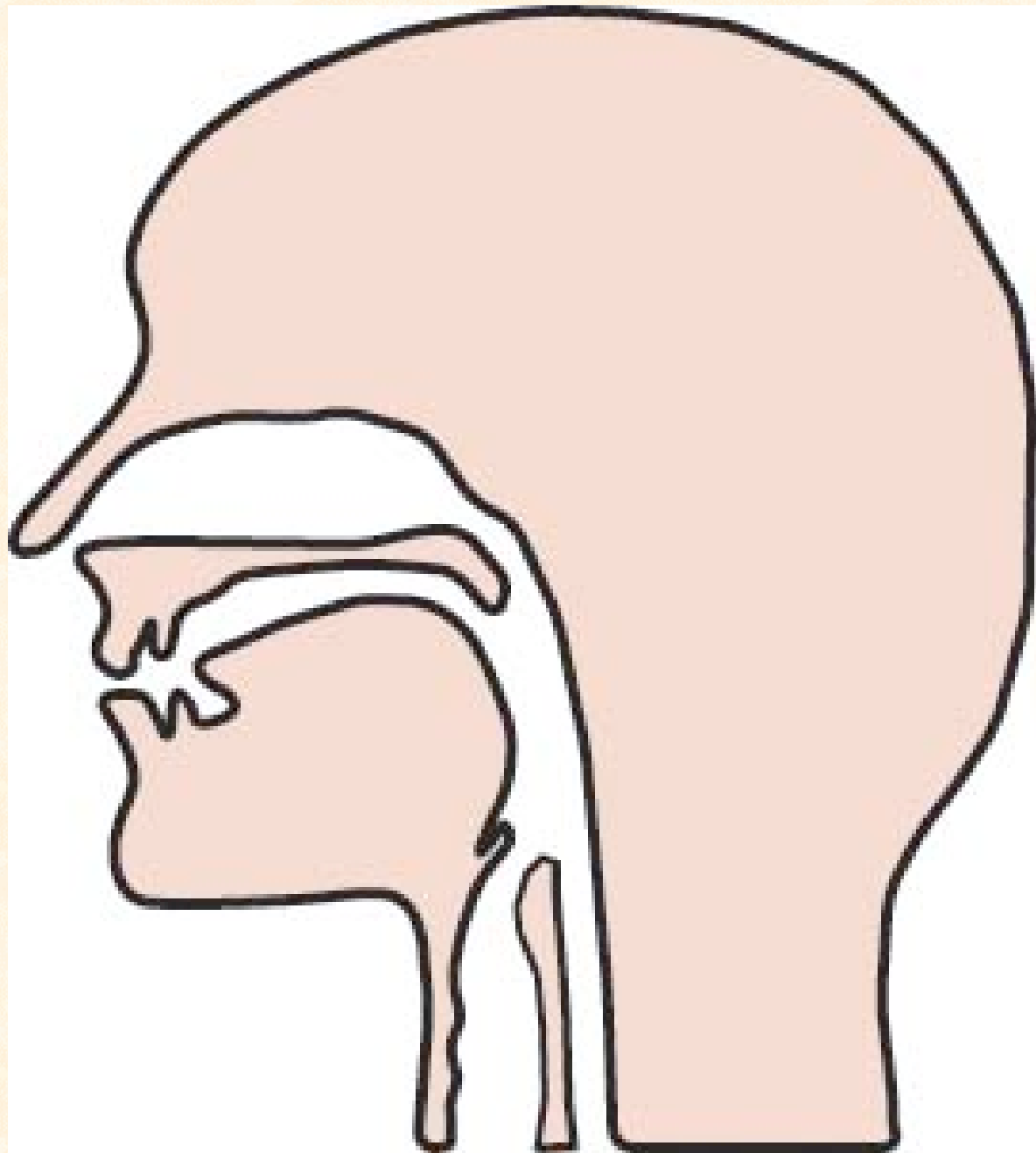
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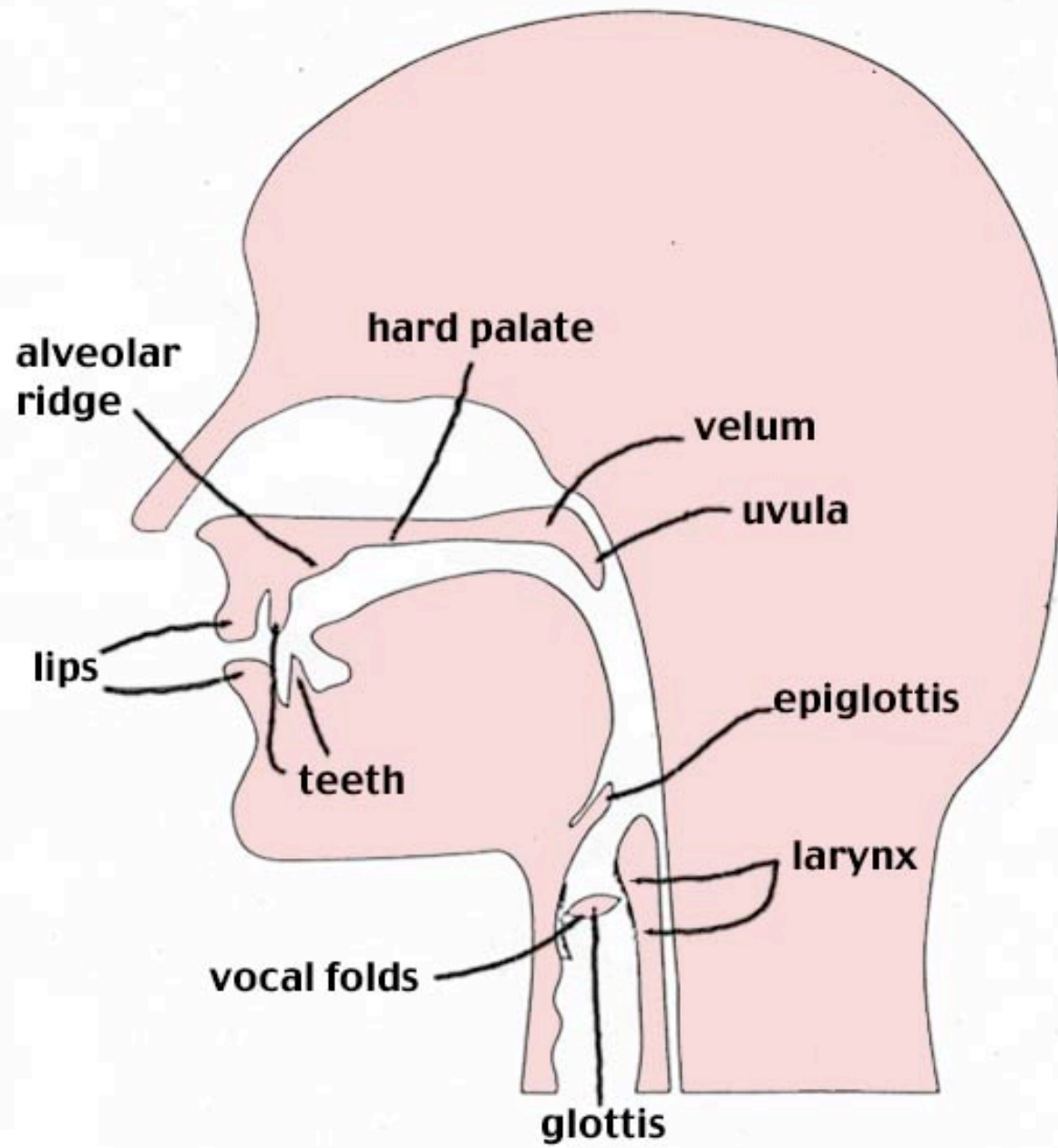
Phonetics

- **Phonetics**: the study of linguistic speech sounds, how they are produced (**articulatory** phonetics), how they are perceived (**auditory** or perceptual phonetics), and their physical aspects (**acoustic** phonetics)
- Knowledge of phonetics is prerequisite to studying phonology

Phonetics

- In acoustic terms, the speech signal is a continuous stream of sound
- We decode the speech to understand individual words (e.g. *bat*) and even sounds (such as *b*, *a* or *t*)
- While phoneticians take into consideration acoustic characteristics, we will concentrate upon articulatory features to describe speech sounds for the most part





Phonetic alphabets

- The International Phonetics Association (IPA) has developed a consistent alphabet that is standardly accepted as the principal phonetic alphabet
<http://www2.arts.gla.ac.uk/IPA/ipa.html>
- Phonetic transcription is in square brackets
 - e.g. [k], [p^h]

Consonants

- boy [boɪ]
- vile [vaɪl]
- thy [ðaɪ]
- deal [di:l]
- zoo [zu]
- azure [æzər] or [æzr̩]
- jazz [dʒæz]
- gum [gʌm]
- spoil [spɔɪl]
- file [faɪl]
- thigh [θaɪ]
- steal [sti:l]
- sue [su]
- sure [ʃər] or [ʃr̩]
- chance [tʃæns]
- scum [skʌm]

Consonants

- thy [ðaɪ]
- azure [æzər] or [æzr̩]
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- thigh [θaɪ]
- sure [ʃər] or [ʃr̩]
- chance [tʃæns]

Consonants

- spat [spæt]
- bat [bæt]
- stat [stæt]
- dat [dæt]
- scat [skæt]
- gap [gæp]
- fat [fæt]
- vat [væt]
- thought [θɔt]
- though [ðou]
- sat [sæt]
- zap [zæp]
- show [ʃou]
- azure [æzər]

Phonetic Transcription

1. who [hu]

2. soot [sʊt]

3. soothe [suð]

4. these [ðiz]

5. knead [nið]

6. few [fju]

Phonetic Transcription

- | | |
|------------|----------------|
| 7. wrong | [rɔŋ] or [rɑŋ] |
| 8. barks | [bɑ:kz] |
| 9. heart | [hɑ:t] |
| 10. used | [ju:zd] |
| 11. cause | [kɑ:z] |
| 12. chance | [tʃæns] |

Phonetic Transcription

13. house [haʊs]

14. shopped [ʃɑpt]

15. lives [aɪvz]

16. wished [wɪʃt]

17. height [haɪt]

18. heir [eɪr]