



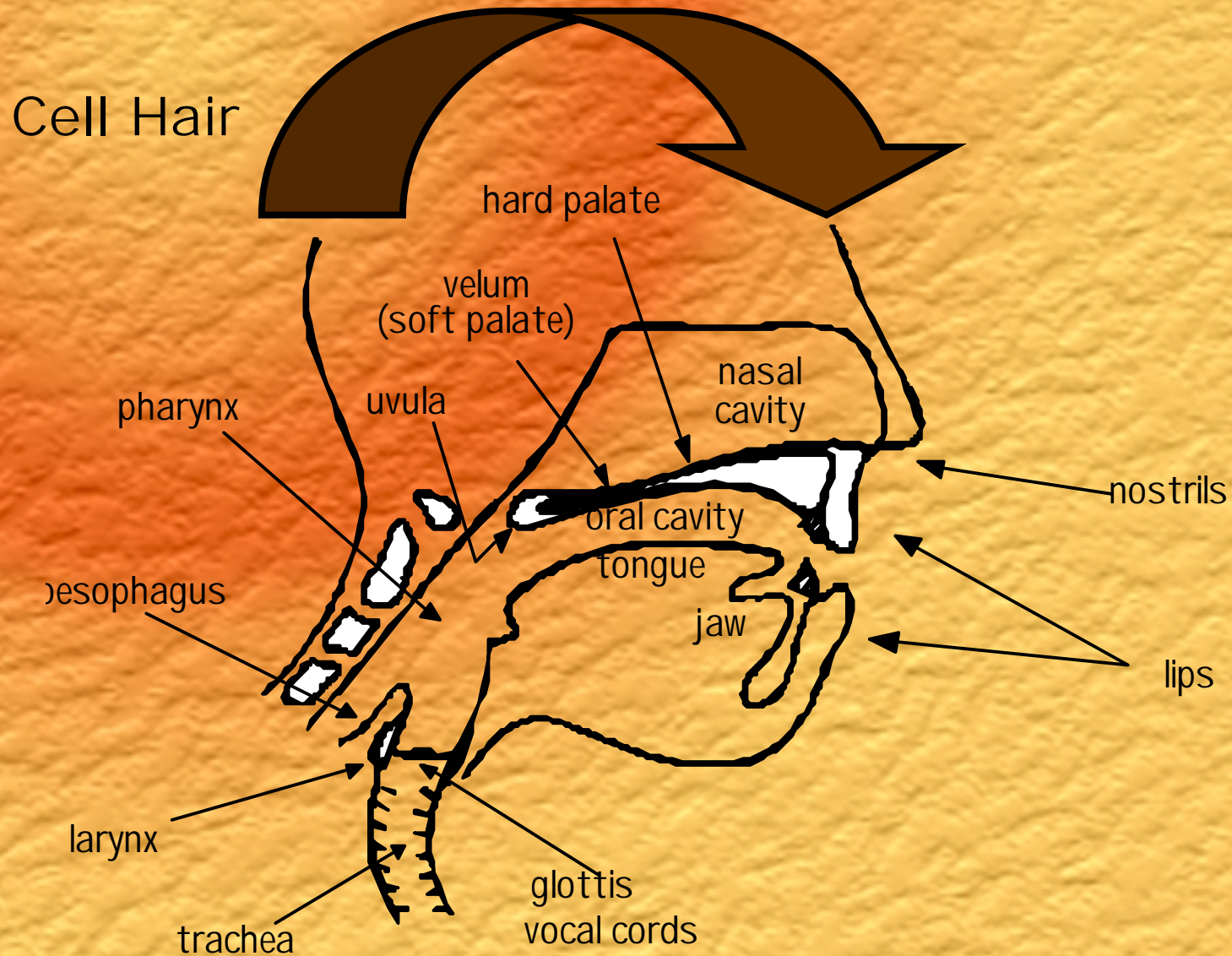
# An Interesting Relationship between Hair Transplantation and Speech Synthesis

Brought to you *equation-free* by  
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# Hair Transplantation



# A Market for Hair Transplantation

- « Proved to be efficient for a large variety of people»
- « From builders to business people, to even *software engineers* »
  - ➔ We, software researchers, are particularly keen on loosing lots of hair, in a way that can hardly be recovered (don't even think of it).

# A Statistical Analysis of the Problem

- Database :
  - Male, professional speakers from TTS2002
  - 3, randomly selected :
    - K. Silverman
    - A. Black
    - K. Lenzo (beta version)
- Preliminary results

Speech Synthesis community  
=  
*significantly hairy*

# Discussion of results

- **THREE Interpretations :**
  - 1. The advertisement *lies*
    - Software researchers do not specifically loose hair
    - ??? On TV → *must* be true!
  - 2. Software people working on speech are *special*
    - Speech and hairing are known to be very much related
  - 3...

# Conclusion

...3. MOST OF YOU HAVE ACTUALLY  
*ALREADY HAD* HAIR  
TRANSPLANTATION

I JUST DID NOT NOTICE

# Conclusion (slightly more serious)

However we feel about it, data-driven techniques are pushing us closer to the day when, being asked :

*« So you are working on speech synthesis, mmh?  
How comes I don't hear more speech synthesis in  
real life applications? »*

we 'll be able to answer :

*« You actually are exposed to a lot of synthetic  
speech : it is just that you don't notice ».*