



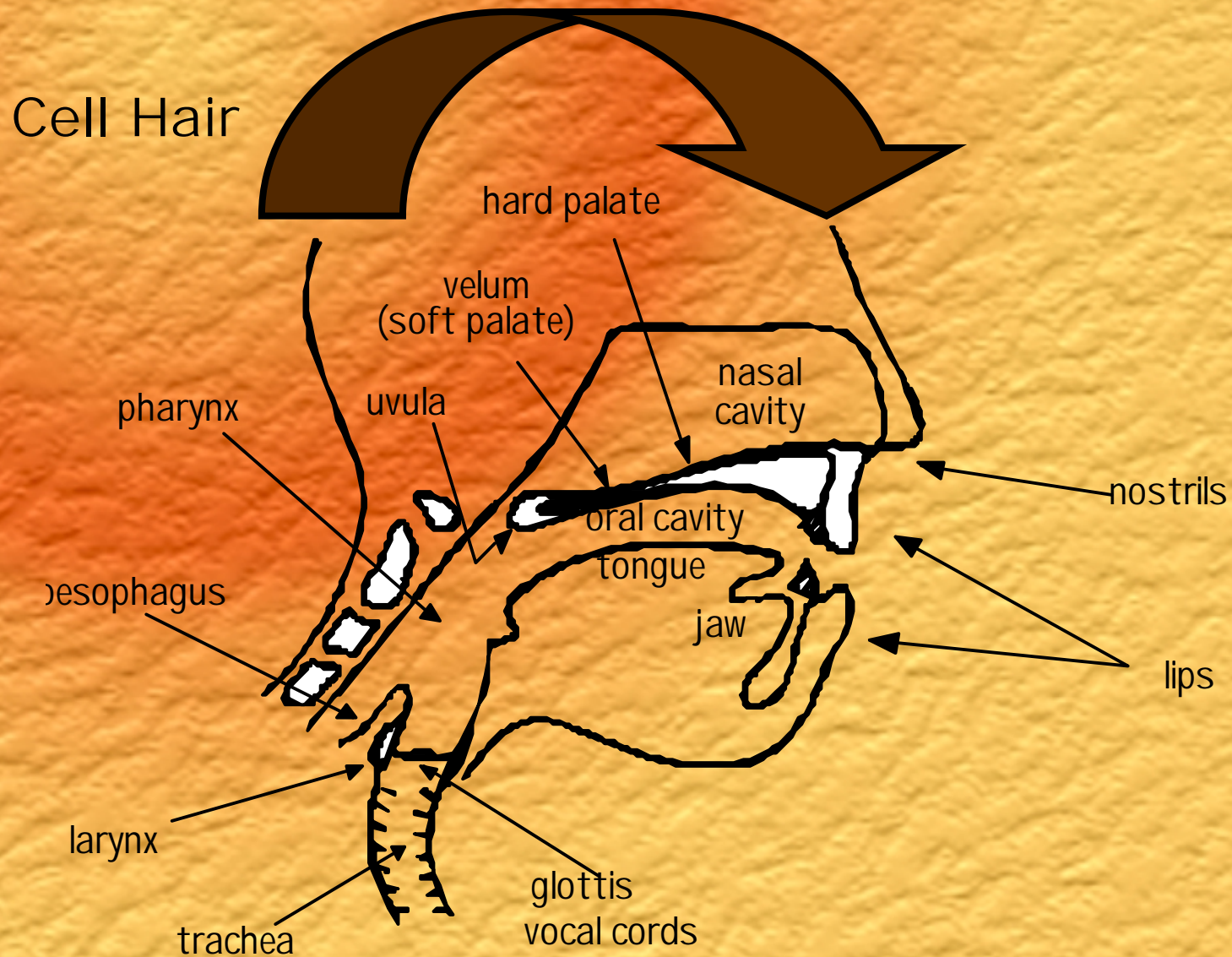
An Interesting Relationship between Hair Transplantation and Speech Synthesis

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 ».*