

Pedersen M (2007). Advanced voice function assessment. *Cost action 2103 in Antwerp. WorkGroup 5 on Public Relations.*

COST-2103

WG 5

Antwerp 29. August 2007

A preliminary plan has been made for public relations management committee meeting:

- **University College London December 2008**
- Contact with the English ministry of science
- Press conference

Update WG 5

Gratz, institute of signal processing

1. Localization and sound amplifying of speakers in noisy areas
2. Recognition of pilots' voices from control tower
3. Amplifying lower harmonics of pathological voices in telecommunication
4. Written medical journals from doctors' dictate

Voice clinic, the medical centre Østergade 18, Copenhagen

- Bud shooting of mucosa pathology aspects from rhinology to laryngology
- Clinical use of long time average spectrograms (LTAS) presented in Philadelphia 2007
- Cohesion factor comparing all glottographical signals with bins during reading and sustained tone presented Vienna 2007
- 270 genetics tests of lactose intolerance in patients with complaints: "my throat does not function" 10 % positive
- Normal material of 30 singing students of aerophone II (FJ-electronics) compared with high-speed films and jitter%, shimmer%, glottography and phonetograms

Ary regions

Score 1



Score 3



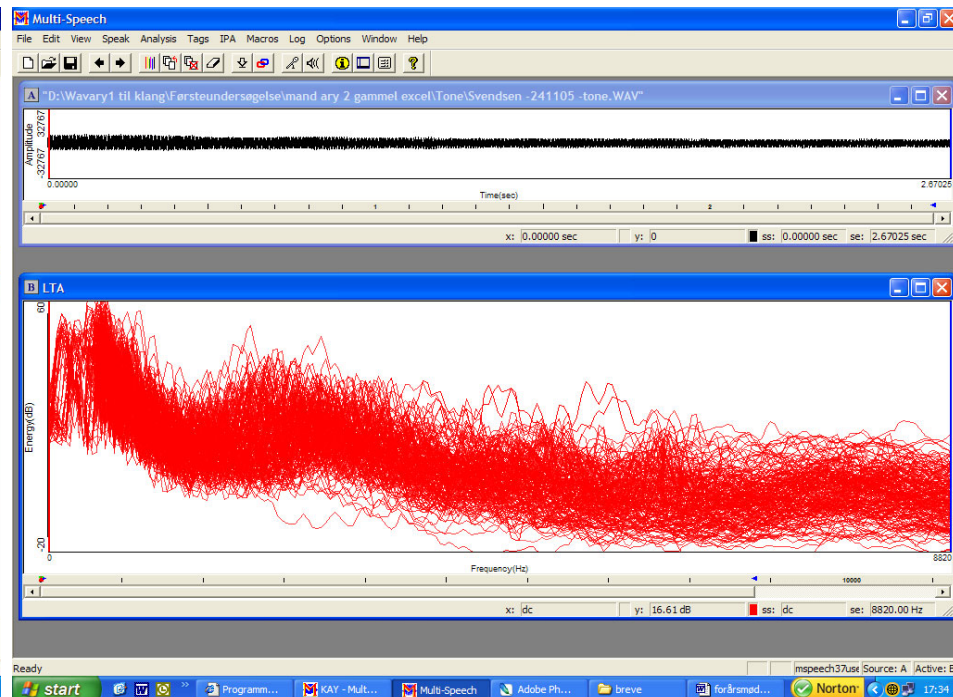
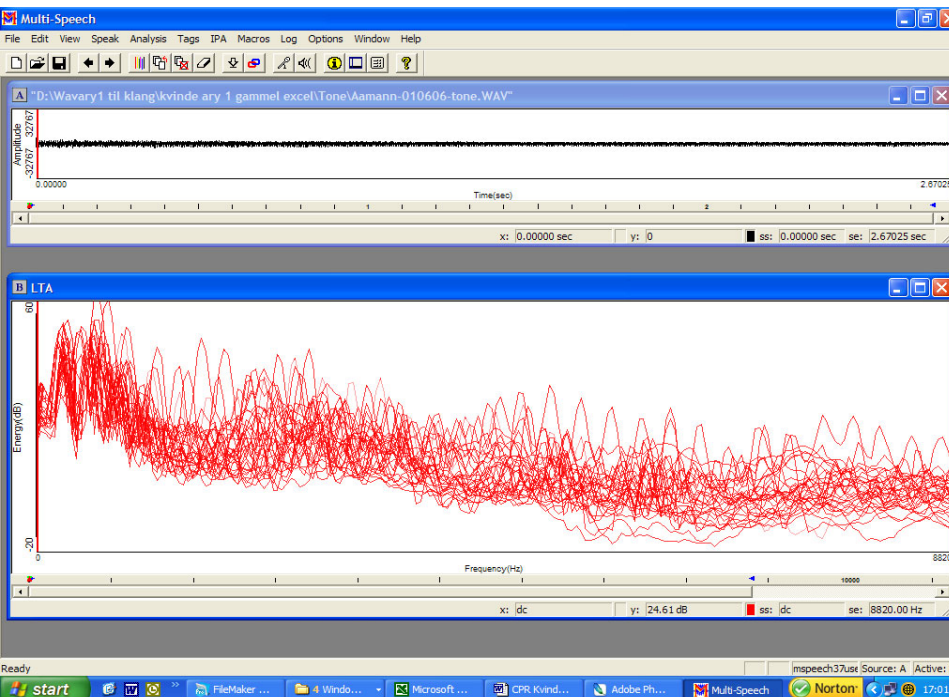
Score 5



LTAS

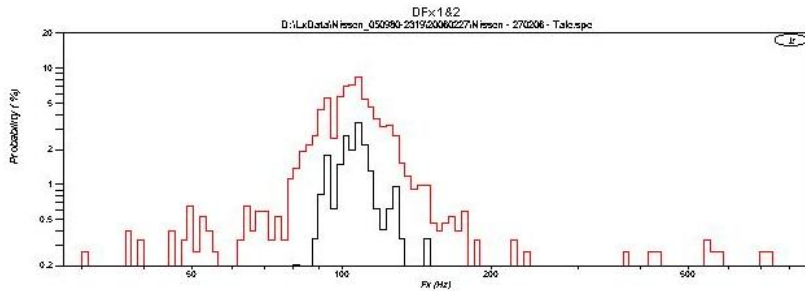
shows the normals visual score 1 related to LTAS

the abnormal arytoids visual score 2-5 related to LTAS

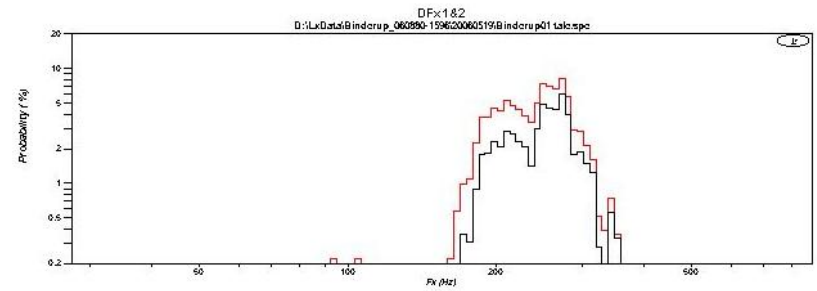


Cohesion factor

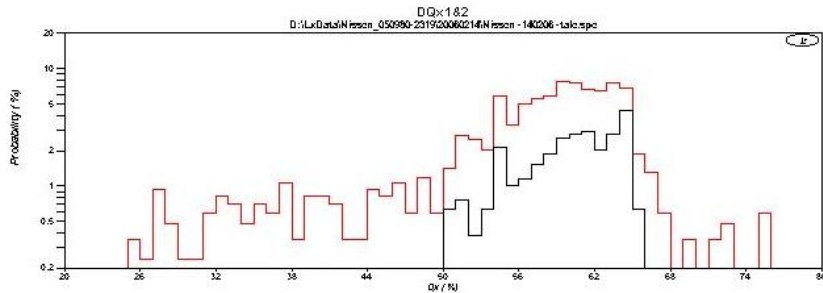
Arytenoids score 4, Qx % cohesion factor before treatment



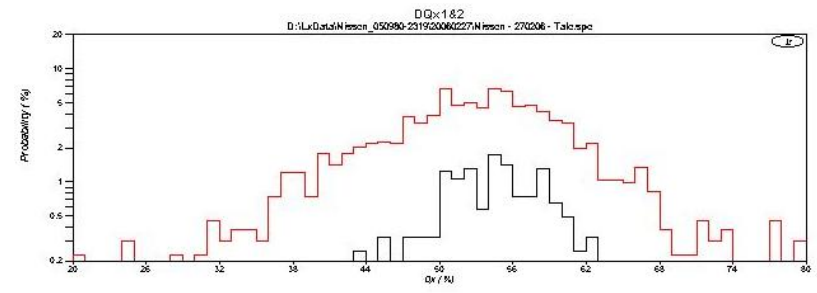
after treatment



Arytenoids score 4, Fx % cohesion factor before treatment



after treatment



Suggestions for public relations:

- If the management committee think so we can ask workgroup 5 to orientate Gernot Kubin and me of the parts of their work that is public related
- Chairs of workgroup 1-4 can also send us information of the parts of their work that is public related

In another big study in the European Union they are now making an encyclopaedia

This could be done in our area:

A reference book dealing with:

advanced voice assessment:

acoustics, subjects, measurements, pathology, etc

Suggested new member of workgroup 5:

Dr. Josef Schlömicher-Thier
Ear- Nose- Throat Specialist
Consultant Medical Doctor
Salzburg Festival
Salzburger Strasse 7, 5202 Neumarkt Austria
Tlf. +43(6216) 4030 Fax: DW 20
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Management committee member from Switzerland?

Dr. Eberhard Seifert

Arzt für HNO-Heilkunde

Phoniatrie und Pädaudiologie

Inselspital

Abt Phoniatrie, Universitätsklinik für HNO

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