

Committee on biomarkers in Phoniatics

20240311_5th meeting



Chair

- *Mieke Moerman – Belgium - present*

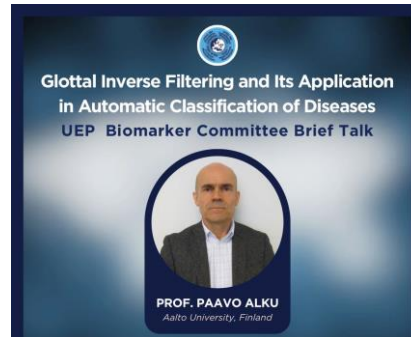
Members

- *Abdelgoad Ahmed – Saudi Arabia*
- *Ashaat Neven – Egypt – excused*
- *Camasca Valentina – Italy - present*
- *Farneti Daniele - Italy*
- *Hernandez Villoria Ramon – Venezuela - present*
- *Kaminska Ilona - Poland*
- *Khaydarova Gavkhar – Uzbekistan - present*
- *Oguz Haldun – Turkey – excused*
- *Paderno Alberti – Italy - present*
- *Pedersen Mette – Denmark - present*
- *Uloza Virgilijus – Lithuania*
- *Sneha Das – Denmark*

Welcome

**5th biomarker committee meeting
11th of March 2024,
online via Google meet
17-18h CEST**

Welcome to all members and non-members
Invited Speaker: Prof Paavo Alku



Thank You Paavo!

UEP received 28 subscriptions via the call in the newsletter

Our president, Haldun Oguz is editing this recording right now, for putting it on the UEP Youtube channel

Mieke Moerman outlines the current objectives of the Committee (see following slides and attachments)

Towards a practical protocol

Def Biomarker

In 1998, the National Institutes of Health Biomarkers Definitions Working Group defined a biomarker as “a **characteristic** that is **objectively** measured and evaluated as an indicator of normal biological processes, pathogenic processes, or pharmacologic responses to a therapeutic intervention.”

Molecular, histologic, radiographic, or physiologic characteristics are types of biomarkers.

————→ ≠ Assessment / Rating

prognostic/predictive value & monitoring value

Glottal Function

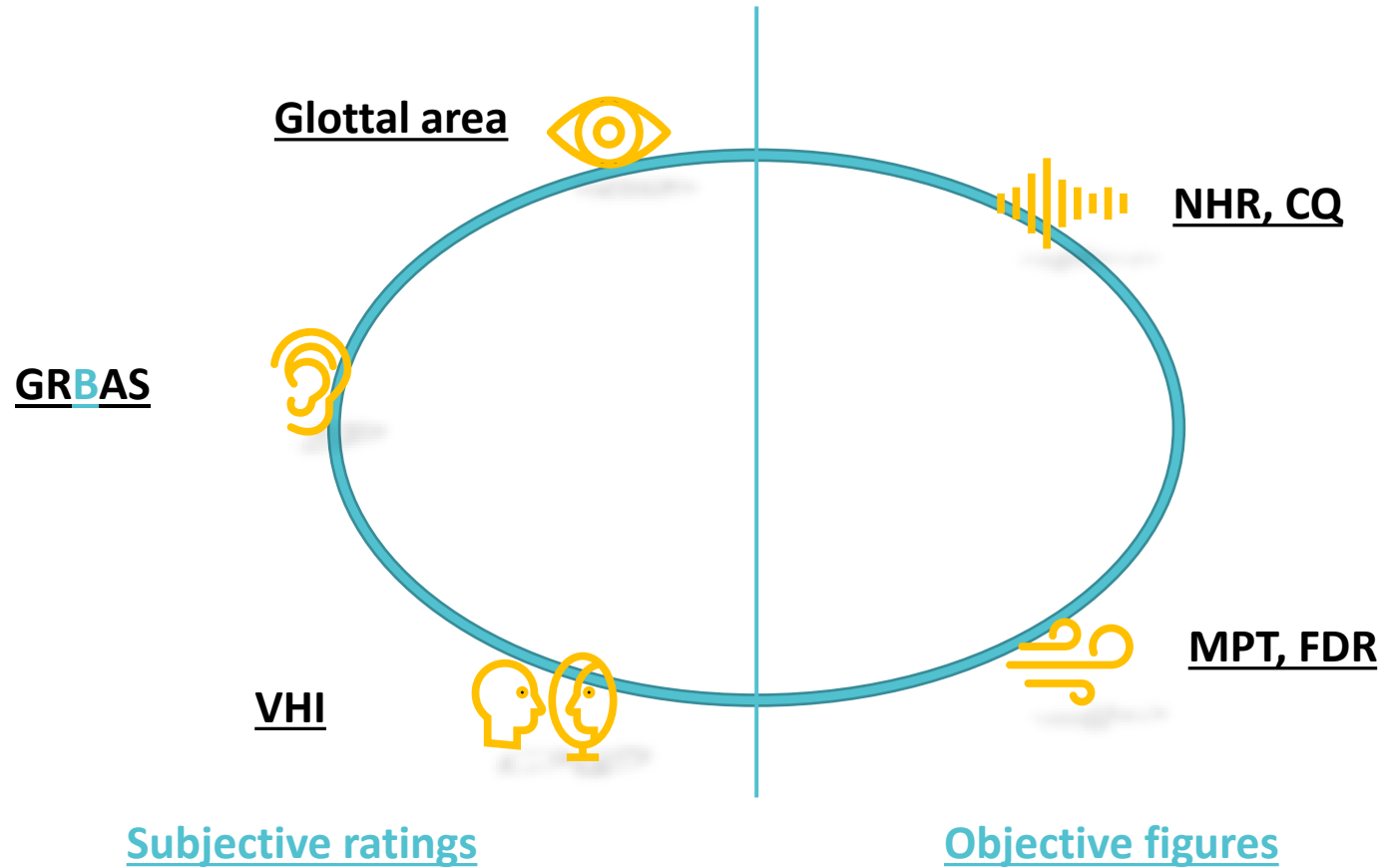
Voice & swallowing



The three most important and highly relevant functions of the glottis are to facilitate **ventilation**, facilitate **phonation**, and provide **airway protection**.

—————> Vocal fold adduction / Glottal closure

Multidimensionality



Which dimensions can be OBJECTIVELY measured and represented?
Which dimensions can EASILY be obtained (without intervention of a caregiver)?

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Committee's internal affairs

- Towards a practical protocol
(regarding Voice related biomarkers)

-News from the WG... Mette?

Miscellaneous

- Next biomarker... Neveen? Gavkhar?
- AOB

Closing

Please see enclosed suggestion & attachments regarding a suggestion for a clinical protocol (TBD!)
Ramon agreed to compare various inverse filtering programs Sopran, Aalto Aparat, OnlineLab tool

This document can form a basis for further research and together with the past presentations also a basis for the book...
...for which **Mette** has received approval from Springer 😊

Gavkhar and **Valentina** have access to patients with PD and other neuromuscular disorders, which could mean an entrance to a clinical trial?
Neeven is thinking about a next possible biomarker



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AOB

Due to personal and familial issues, Mieke Moerman is retiring and resigns as chair. However, she will prepare the talk for Zagreb regarding voice related biomarkers and the work of the group, which (perhaps) can also be useful for the book

LOOKING FOR CANDIDATES TO TAKE OVER !!

THANK
YOU