

International Expert Meeting
The ABC(DE) of Breath Analysis of Propofol

Luebeck, Friday June 13th to Saturday June 14th, 2008

Program

Friday June 13th

14:00 Introduction

Gehring, Luebeck, Germany

14:10 – 15:25 **A. Analytics: Methods, Technologies, Standardization**

Systems for continuous measurement

1. Ion Molecule Reaction Mass Spectrometry (IMR-MS)
Schelling, Munich, Germany – 15 min.
2. Protonen Transfer Reaction Mass Spectrometry (PTR-MS)
Takita, Japan – 15 min.
3. Electrochemical Sensor
Hengstenberg, Luebeck, Germany – 15 min.

What offers the step-by-step discontinuous measurement?

4. GC MS: Is this the reference?
Dibbelt, Luebeck, Germany – 15 min.
5. SPME - GC/MS - Quantitative assesment of propofol in blood and breath
Schubert, Rostock, Germany – 15 min.

15:25 – 16:15 **Discussion and break**

Coffee break and visit of the industrial exhibition

16:15 – 18:30 **B. Basics: The Lung and the Drugs, the Models**

and the Statistical Analysis

6. The lung as a metabolic and pharmacologically active organ
Boer, Leiden, Netherlands – 30 min.
7. Gas versus condensate: What is measured?
Becher, Berlin, Germany – 15 min.
8. Propofol metabolism in the lung: Any consequences?
Großherr, Luebeck, Germany – 15 min.
9. Assessment of plasma propofol concentrations with PD/PK models – How does it go on and where are the limitations?
Luginbühl, Bern – 25 min.
10. The models, the reality and the news
Fischer, Luebeck, Germany – 20 min.
11. Statistical analysis of propofol monitoring in respiratory gas: Is there a correlation between breath gas and plasma?
Igl, Luebeck, Germany – 15 min.

18.30 – 19.30 **Discussion and break**

Coffee break and visit of the industrial exhibition

Social evening

Saturday June 14th

9:00 – 10:00 **C. Criteria and standardization in breath analysis of propofol**

12. Which criteria/standards are valid for the general breath gas measurement?
Gehring, Luebeck, Germany- 15 min.
13. Impact of sampling procedures onto results in breath analysis
Miekisch, Rostock, Germany – 15 min.
14. The breath gas matrix and artificial ventilation
Hengstenberg, Luebeck, Germany – 15 min.
15. The way from the alveolae to the sensor: Where do the tricks lie?
Praun, Absam, Austria – 15 min.

10:00 – 10:40 **Discussion and break**

Coffee break and visit of the industrial exhibition

10.40 – 12.25 **D. Discussion: Clinical View**

Dräger

B | BRAUN
SHARING EXPERTISE



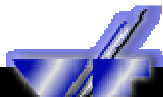
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