

Quality Assurance of Ultrasound

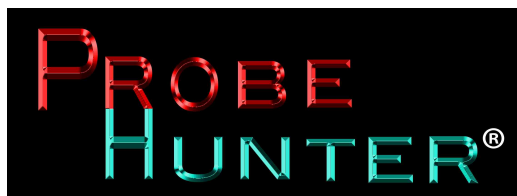
Seminar December 11, 2014

Welcome to a Seminar presenting
New Innovations within validation of
Ultrasound Transducer Performance and Disinfection

Stockholm Arlanda Airport Radisson Blu Arlandia Hotel
Thursday December 11 at 10:00 – 16:00

PROGRAM

- 09:30 Registration and Coffee
- 10:00 Welcome by Björn Segall BBS Medical AB
Market Update; **Quality Assurance and Patient Safety**
High Up on the Agenda at Hospitals and within the Ultrasound Industry. BioMed Engineers in the Nordic countries are in the forefront!
Let's stay ahead!
- 10:15 **ProbeHunter**
The New Generation of Ultrasound Transducer Testing. ProbeHunter is a 256 - 512 channel Muxed built in system. Dynamic, Multi Brand, real-time, ultrafast and has new features like validation of Doppler, Color and Image. Quality Assurance is now taken to a higher level. The system can run First Call adapters and have muxed transducers directly in to the system. ProbeHunter is a Swedish Innovation, developed and financed by BBS Medical AB.



Presented by Björn Segall BBS Medical AB.

11.00

AntiGermix

The French company Germitec has patient safety highest on the Agenda. The AntiGermix is the optimal disinfection system for Ultrasound Probes in between each patient. Ultra Fast, Ultra Simple and easy to use. No chemicals are used, AntiGermix is a very ecological system.

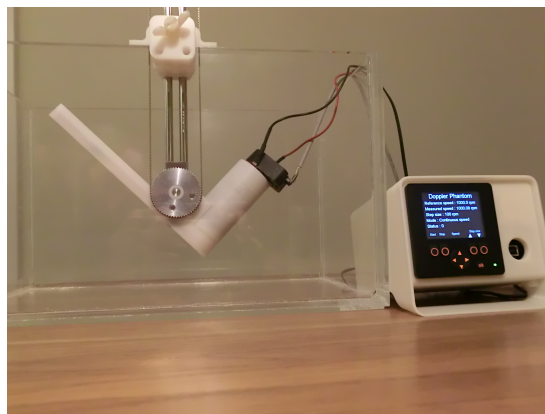


Presented by the Managing Director Taieb Chalabi.

11.30

A New Doppler Phantom

Faulty transducers is one reason for Doppler testing. Test methods and a new Doppler test phantom are presented.



Presented by Andrew Walker, PhD/BiomedEng, Västmanland Hospital, Västerås

12.00

Lunch and discussions

13:00

QA4US

A method to measure the quality of ultrasound systems.

*Presented by Chris L. de Korte, PhD Head **Medical UltraSound Imaging Center (MUSIC)**- Associate Professor "Medical Ultrasound Technologies" Radboud university medical center **MUSIC**- Department of Radiology and Nuclear Medicine, The Netherlands*

13.30

The Clinical Impact of Faulty Transducers

What are the effects and impacts if some Crystals are broken in a probe, wholes in the lens or a cable is broken. These are the most common faults. What is the impact depending on application?

Presented by Professor Lars-Åke Brodin KTH Royal Institute of Technology, Medical Technology, Stockholm, Sweden.

14.00

Panel Discussion about The Clinical Impact

Moderator: **Professor Lars Åke Brodin**

Panel:

Chris L.de Korte

PhD Head Medical Ultrasound Radboud University

Taieb Chalabi

Germitec and former Service Manager GE Healthcare

Andrew Walker

PhD/BiomedEng, Västmanland Hospital, Västerås

Björn Segall

BBS Medical AB 12 years experience of ultrasound transducer-testing with First Call

14.45

Workshop on ProbeHunter and AntiGermix

Coffee will be served during Workshop.

Questions:

It is very positive to have questions asked at the seminar we really encourage all participants to contribute to create a constructive forum.

Presentations and discussions will be in English.

Directions:

There are Shuttle buses from all Arlanda airport terminals and SkyCity to the hotel. Bus name is ALFA, four times per hour, it takes approx. 4 minutes from terminal to hotel.

**Very welcome to an interesting day about
Quality Assurance of Ultrasound!**

Seminar Sponsored by

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