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**
       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!

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