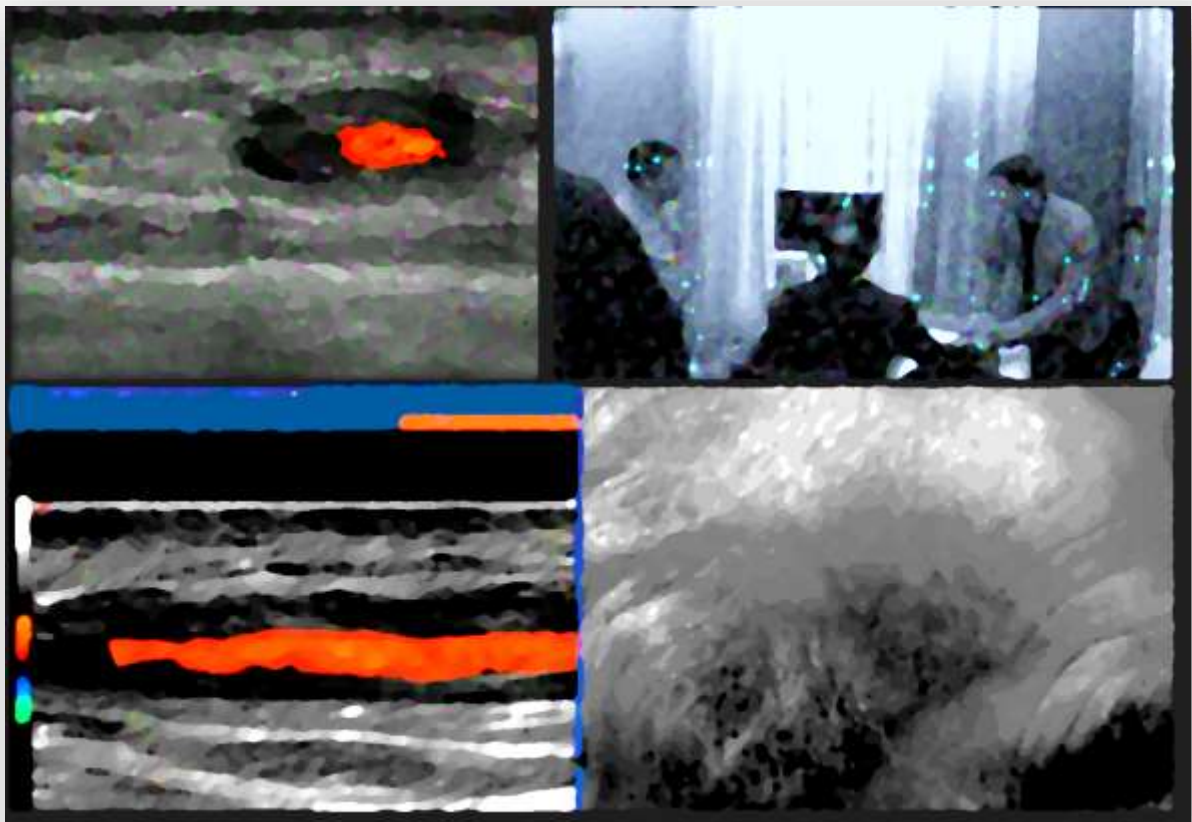


**5th International Workshop
on
Ultrasound in Large Vessel Vasculitis &
Polymyalgia Rheumatica**



**March 17–19, 2017
HOTEL SCANDIC BYSTRANDA
KRISTIANSAND
NORWAY**

GENERAL INFORMATION

COURSE OPENING:

Friday March 17, 13.00

COURSE CLOSING:

Sunday March 19, 14.00

SCIENTIFIC ORGANIZERS

Wolfgang A. Schmidt MD

Andreas P. Diamantopoulos MD, PhD, MPH

ORGANIZING SECRETARIAT

Geirmund Myklebust MD, PhD

Mrs. Eli Jensen

Hanne Vestaby RN

Solfrid Jaatun RN

COURSE FEE

1200 EUR per participant (fee includes accommodation for two days and meals)

VENUE

Hotel Scandic Kristiansand Bystranda

Østre Strandgate 74, 4608 Kristiansand, Norway

NUMBER OF DELEGATES

Twenty (divided in 4 groups of 5 delegates)

OFFICIAL LANGUAGE

English

LEVEL

Focused/Advanced

COURSE REGISTRATION

Please send an email with your request to andreas.diamantopoulos@sshf.no

Application deadline
January 1, 2017

EUROSON School of the European Federation for Societies for
Ultrasound in Medicine and Biology (EFSUMB)



FACULTY

Professor Wolfgang A. Schmidt MD

Medical Center for Rheumatology Berlin-Buch, Germany

Søren Torp-Pedersen MD, PhD

Glostrup Hospital, Denmark

Lene Terslev MD, PhD

Glostrup Hospital, Denmark

Andreas P. Diamantopoulos MD, PhD, MPH

Hospital of Southern Norway Trust Kristiansand, Norway

Stavros Chrysidis MD

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TUTORS

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Glostrup Hospital, Denmark

Lene Terslev MD, PhD

Glostrup Hospital, Denmark

Andreas P. Diamantopoulos MD, PhD

Hospital of Southern Norway Trust Kristiansand, Norway

Stavros Chrysidis MD

Esbjerg Hospital, Denmark

Marcin Milchert MD, PhD

Pomeranian Medical University in Szczecin, Poland

Alojzija Hocevar MD, PhD

Ljubljana University Medical Centre, Slovenia

EDUCATIONAL OBJECTIVES

- ✓ *Identify the normal vascular and musculoskeletal sonoanatomy*
- ✓ *Perform a systematic ultrasound scanning of the temporal arteries, large supra-aortic vessels, shoulders and hips*
- ✓ *Identify the basic vascular and musculoskeletal pathological sonographic findings*

LIVE DEMONSTRATIONS

- ✓ *Demonstration of standard scans and vascular sonoanatomy*
- ✓ *Discussion of challenges in the use of color Doppler ultrasonography*

WORKSHOPS/ HANDS-ON-SCANNING

- ✓ *Ultrasound system settings*
- ✓ *Supervised identification of vascular and musculoskeletal sonoanatomy*
- ✓ *Supervised standardized sonographic scanning of the temporal arteries, large supra-aortic vessels, shoulders and hips*
- ✓ *Supervised hands-on scanning of patients with vascular and musculoskeletal pathological sonographic findings*

TIMETABLE

- ✓ *Focused ultrasound course in systemic large vessel vasculitis, which consists of 15 hours of activities within 3 days:*
- ✓ *5 hours (35 % of total time) for lectures and live demonstrations*
- ✓ *10 hours (65 % of total time) for supervised hands-on scanning of models and patients with large vessel vasculitis*

REQUIREMENTS

Previous experience at medium level in musculoskeletal ultrasound is **strongly recommended** before attending a focused ultrasound course in vasculitis.

PROGRAM

FRIDAY MARCH 17, 2017

13.00- 13.30 Registration- Welcome snacks

SESSION: DOPPLER PHYSICS AND ULTRASOUND ADJUSTMENTS

Chair: A. P. Diamantopoulos

13.30- 14.00 **Lecture:** Doppler physics and applications of color Doppler ultrasound in Rheumatology (**L Terslev**)

14.00- 14.30 **Lecture:** How to optimize the use of color Doppler in vascular ultrasound (**S Torp-Pedersen**)

14.30- 15.30 **Lecture:** Introduction and how to correctly adjust your ultrasound equipment to perform a vascular ultrasonographic examination (**WA Schmidt**)

15.30- 16.00 **Live demonstration:** How to correctly adjust your ultrasound equipment to perform a vascular ultrasonographic examination (**WA Schmidt**)

16.00- 16.30 Coffee break

16.30- 18.30 **Hands-on-scanning:** How to adjust your ultrasound equipment for vascular examination (**Faculty and tutors**)

20.00 Dinner

SATURDAY MARCH 18, 2017

SESSION: POLYMYALGIA RHEUMATICA

Chair: L. Terslev

09:00- 09:30 **Lecture:** *Ultrasound in Polymyalgia Rheumatica (S Chrysidis)*

09:30- 10:00 **Live Demonstration:** *Polymyalgia Rheumatica (S Chrysidis)*

SESSION: CRANIAL GIANT CELL ARTERITIS

Chair: S. Torp-Pedersen

10.00- 10.30 **Lecture:** *Ultrasound of the temporal arteries. Technique, pitfalls and pathological findings (WA Schmidt)*

10:30- 11:00 Coffee break

11:00- 11:30 **Live Demonstration:** *How to examine the temporal arteries (WA Schmidt)*

11:30- 13:30 **Hands-on-scanning:** *How to examine the temporal arteries (Tutors)*

13.30- 14.30 Lunch

14:30- 16:30 **Hands-on-scanning:** *Cranial giant cell arteritis (Tutors)*

16:30- 17:00 Coffee break

SESSION: EXTRA-CRANIAL LARGE VESSEL VASCULITIS

Chair: W. A. Schmidt

17:00- 17:30 **Lecture:** *Ultrasound of the large vessels. Technique, pitfalls and pathological findings (AP Diamantopoulos)*

17:30- 18:00 **Live demonstration:** *How to examine the large vessels (AP Diamantopoulos)*

19:00 Dinner

SUNDAY MARCH 19, 2017

SESSION: LARGE VESSEL VASCULITIS

09:00- 11:00 **Hands-on-scanning:** How to examine the large vessels (**Tutors**)

11:00- 11:15 Coffee break

11:15- 13:15 **Hands-on-scanning:** Extra-cranial large vessel vasculitis (**Tutors**)

13:30- 14:00 Farewell snacks and closing remarks

This course is supported by

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