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
Esbjerg Hospital, Denmark

TUTORS

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Glostrup Hospital, Denmark

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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
**SESSION: POLYMIALGIA 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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