

2012-08-21/tk

Third Nordic University Research Course, Ystad/Malmö, September 10-12, 2012

HYPERTENSION AND CARDIOVASCULAR DISEASE: FROM METABOLIC AND VASCULAR DYSFUNCTION TO ORGAN FAILURE

Arranged by The Swedish Society of Hypertension, Stroke and Vascular Medicine, together with the Danish Hypertension Society, Finnish Hypertension Society, and Norsk Forening for Hypertension, and in collaboration with Lund University and its strategic research programme EpiHealth and the linked Danish-Swedish EU-Interregional IV project for cardiovascular epidemiology.

Preliminary Program

Monday September 10: Metabolic and vascular dysfunction

09:00-10:00

Registration, coffee

10:00-10:30

Welcome, introduction, program presentation; presentation of participants

Peter M Nilsson, Thomas Kahan, Michael H Olsen, Sverre E Kjeldsen, Ilkka Tikkanen

10:30-11:30

Chair: Michael H Olsen

Salt restriction in the treatment of hypertension, controversial results from the FinnDiane study. Carol Forsblom (20 min)

Involvements of the AT-1 receptor in glucose homeostasis – Tonje Amb Aksnes (20 min)

Discussion (20 min)

11:30-12:30

Chair: Risto Kaaja

Evaluation of haemostatic mechanisms and alterations in hypertension and cardiovascular disease – Håkan Wallén (20 min)

Haemostatic abnormalities in diabetes and coronary heart disease – Mika Skeppholm (20 min)

Discussion (20 min)

12:30-13:30

Lunch

13.30-14.30

Chair: Peter M Nilsson

Vascular dysfunction: aorta and large arteries; vascular ageing – Toste Länne (20 min)

Treatment resistant hypertension – Oslo RDN Study – Aud Høiegggen (20 min)

Discussion (20 min)

14:30-15:30

Chair: Aud Høiegggen

Vascular function: Small arteries – Kent Lodberg Christensen (20 min) -

Vascular dysfunction: Microcirculation– Gun Jørneskog/Thomas Kahan (20 min)

Discussion (20 min)

15:30-16:30

Chair: Kent Lodberg Christensen

Pregnancy and cardiovascular dysfunction in mother and child: glucose metabolism, vascular function, preeclampsia – Risto Kaaja (20 min)

Pregnancy and long term maternal cardiovascular dysfunction – Karin Manhem. (20 min)

Discussion (20 min)

16:30-17:00

Break, coffee

17:00-19:00

Project presentations and discussions in 4 parallel groups (ie 5 presentations per group)

Each group will have 2 from faculty

19:00-20:00

Social program

20:00

Dinner

Tuesday, September 11: Target organ dysfunction and failure

08:30-09:30

Chair: Thomas Kahan

The role of ABPM for risk assessment and treatment choice – Tine W Hansen (20 min) -

Does ABPM predict outcome independently of subclinical organ damage? – Michael Hecht Olsen/Thomas Sehested (20 min)

Discussion (20 min)

09:30-10:30

Chair: Krzysztof Narkiewicz

Prognostic impact of exercise systolic blood pressure – Sverre E Kjeldsen (20 min)

Blood pressure and body build vs. risk of atrial fibrillation – Irene Grundvold (20 min)

10:30-11:00

Break, coffee

11:00-12:00

Chair: Tonje Amb Aksnes

Hypertensive heart disease: arrhythmias, CHD, and heart failure – Kristian Wachtell (20 min)

A specific role for RAAS blockade in hypertensive heart disease? – Thomas Kahan (20 min)

Discussion (20 min)

12:00-13:00

Chair: Jonas Spaak

Target organ dysfunction and sympathetic nerve activation: sleep apnoea, the heart, and the kidney – Krzysztof Narkiewicz (20 min)

Sympathetic activity and blood pressure in young men – Sverre E. Kjeldsen (20 min)

Discussion (20 min)

13:00-15:00

Lunch and social program

15:00-16:00

Chair: Illka Tikkanen

Cardiac-renal interactions (cardio-renal syndrome) – Jonas Spaak (20 min)

Serum uric acid and cardiovascular disease – Høieggen (20 min)

16:00-17:00

Chair: Kristian Wachtell

Hypertension and the brain: Stroke – Peter M Nilsson (20 min)

Hypertension and the brain: dementia – Katarina Nägga (20 min)

Discussion (20 min)

17:00-17:30

Break, coffee

17:30-19:30

Project presentations and discussions in 4 parallel groups (ie 5 presentations per group)

Each group will have 2 from faculty

20:00

Dinner

Wednesday, September 12: The integrated clinical approach

08:30-09:30

Chair: Stefan Agewall

The prognostic importance of subclinical cardiovascular damage – Thomas Sehested (20 min)

Risk assessment and preventive strategies – Michael H Olsen (20 min)

Discussion (20 min)

09:30-10:30

Chair: Carol Forsblom

The cardiometabolic syndrome: Preventive strategies – Hans Ibsen (20 min)

The cardiometabolic syndrome: Strategies for treatment efficacy and adherence – Peter Rossing (20 min)

Discussion (20 min)

10:30-11:00 Coffee and check-out from hotel

11:00-12:00

Examination; evaluation

Peter M Nilsson, Thomas Kahan, Michael H Olsen, Sverre E Kjeldsen, Ilkka Tikkanen

12:00-13:00

Lunch on the bus and transports to Malmö

EU-Interregional symposium at Skåne University Hospital, Malmö: A bridge across Öresund for cardiovascular research - the EU Interreg IV project

13:00

Welcome address

Peter M Nilsson, Michael H Olsen

13:05

Presentation of SKARF

Kristian Wachtell

13:20

Prospects and challenges for a cloud based communication system in the Interreg IV program

Olav Windelboe Nielsen

13:40

Epidemiology, data from Malmö

Peter M Nilsson

14:00

Epidemiology, collaborative projects

Adam Blyme

14:20

MORGAM, the metabolic syndrome

Julie Vishram

14:40-15:00

Coffee break

15:00

Hypertension as predictor of a myocardial infarction: Insights from East Denmark Heart Register

Homa Waziri

15:20

Methodological considerations of testing the prognostic importance of serial measurements of different but not independent biomarkers, using SEAS as an example

Olav Wendelbo Nielsen

15:40

The prognostic importance of Holter monitoring in Copenhagen and Malmö

Ahmad Sajadieh

16:00

Quality assurance registries: Opportunities and challenges

Martin Stagmo

16:20

Genetics in cardiovascular disease – an update 2012

Olle Melander

17:00-17:15

Summary and closure

Martin Stagmo, Michael H Olsen, Kristian Wachtell