Program

ISMRRM Nordic Chapter & DSMMR joint MR meeting
- "MRI from head-to-toe"

Topics: The expanding role of MRI in radiation therapy, Multiple Sclerosis and Cardiac MRI

March 19-20 2015
Glostrup Hospital, University of Copenhagen, Denmark
Thursday, 19th March 2015

09:00 Registration & Coffee. Speaker Upload Available.

09:50 – 10:00 Opening remarks, practical information
        Helle J. Simonsen, MRT, Glostrup University Hospital, Denmark

**Session 1: MR safety update**

10:00 – 10:30 Safety Update
        Johan Olsrud, Ph.d., Skåne University Hospital, Sweden

10:30 – 11:00 Cochlear Nucleus Ear implants and MR safety
        Kristian Skov Alanin, Danaflex, Denmark

**Session 2: MRI guidance for therapy**

11:00 – 11:30 The expanding role of MRI in radiation therapy: Simulation, treatment, guidance and response assessment.
        Dr. Nico van den Berg, University Medical Center, Utrecht, Netherlands

11:30 – 12:00 MRI guidance for therapy
        Henrik Robenhagen Jensen, Ph.d., Odense University Hospital, Denmark

12:00 – 12:30 Dynamic contrast enhanced MRI before, under and after radiation therapy
        Søren Møller, MD, Ph.d., Rigshospitalet, University of Copenhagen, Denmark

**12:30 – 13:15 Lunch**

        Virva Saunavaara, Ph.d., Turku University Hospital, Finland

13:45 – 14:15 MR DTI – New biomarker of normal brain tissue damage
        Søren Ravn, Ph.d., Aalborg University Hospital, Denmark

14:15 – 14:45 MR guided HIFU ablation in the liver: challenges and hopes
        Frederic Courivaud, Ph.d., Oslo University Hospital, Norway

**14:45 – 15:15 Coffee & snacks**

**Session 3: The five winning abstracts**

15:15 – 15:30 Abstract 1

15:30 – 15:45 Abstract 2

15:45 – 16:00 Abstract 3

16:00 – 16:15 Abstract 4

16:15 – 16:30 Abstract 5

After each lecture, there will be time for five minutes questions
Friday, 20th March 2015

08:30  Registration & Coffee. Speaker Upload Available.

**Session 4: Multiple Sclerosis**

09:00 - 09:30  Multiple Sclerosis, diagnostic criteria and treatment
Jette L. Frederiksen, MD, DMSci, Glostrup University Hospital, Denmark

09:30 - 10:00  Multiple Sclerosis and MRI protocols
Elna Marie Larsson, MD, Ph.d., Uppsala University Hospital, Sweden

10:00 – 10:30  Measuring blood-brain-barrier permeability in Multiple Sclerosis using Dynamic Contrast Enhanced Perfusion
Stig P. Cramer, MD, Ph.d., Glostrup University Hospital, Denmark

10:30 – 11:00  Magnetic Resonance imaging of structural and functional connectivity in Multiple Sclerosis
Hartwig Siebner, MD, Ph.d., Hvidovre University Hospital, Denmark

11:00 – 11:30  Coffee & snacks

**Session 4: ASL & Diffusion**

11:30 – 12:00  ASL
Esben Thade Petersen, Ph.d., Hvidovre University Hospital, Denmark

12:00 – 12:30  Diffusion
Tim Dyrby, Ph.d., Hvidovre University Hospital, Denmark

12:30 – 13:30  Lunch

**Session 5: Cardiac MRI**

13:30 – 14:00  Cardiac MRI: basic functional measures
Henrik BW Larsson, MD, Ph.d., Glostrup University Hospital, Denmark

14:00 – 14:30  Cardiac diseases and MRI protocols
Niels Vejlstrup, MD, Ph.d., Rigshospitalet, University of Copenhagen, Denmark

14:30 – 15:00  Late gadolinium enhancement following acute myocardial infarction: implications in research and clinical practice
Stein Ørn, MD, Ph.d., Stavanger University Hospital, Norway

15:00 – 15:30  Vascular imaging
Ernst-Torben Frund, Ph.d., Odense University Hospital, Denmark

15:30  Closing remarks / Course diploma

*After each lecture, there will be time for five minutes questions*