



European
ALARA
Network

**13th EAN Workshop - “ALARA and the medical sector”
7-10 June 2011 - Oscarborg Fortress (Norway)**

Preliminary programme as of 31st March 2011

Tuesday 7 June 2011

14.00 Departure of the boat to Oscarborg Island from the Oslo harbour

17.00 Welcome address at Oscarborg

Wednesday 8 June 2011.

Session 1 - Introduction and scene setting - International organisations

Chair: Gunnar Saxebøl (NRPA, Norway)

09.00

Data on medical exposures from a global point of view

Wolfgang Weiss (*UNSCEAR*)

ICRP and As Low As Reasonably Achievable in the medical sector

Madan Rehani (*ICRP Committee 3*)

WHO Global Initiative on Radiation Safety in Health Care Settings

Maria del Rosario Pérez (*WHO*)

IAEA International Action Plan on Radiation Protection of Patients

Ola Holmberg (*IAEA*)

Medical exposure in European Commission’s proposal for revised Euratom radiation protection Directive

Georgi Simeonov (*European Commission*)

Discussions

10.30 Coffee break

Session 1 (continued) - Introduction and scene setting - European societies and networks

Chairs: Maria del Rosario Pérez (WHO) - Jürgen Kopp (Augsburg Clinic, Germany)

11.00

European Society of Radiology - Overview of actions and initiatives on radiation protection, with emphasis on ALARA

Catherine Owens (*ESR*)

European Association of Nuclear Medicine - Overview of actions and initiatives on radiation protection, with emphasis on ALARA

Wolfgang Eschner (*EANM*)

European Society for Therapeutic Radiology and Oncology - Overview of actions and initiatives on radiation protection, with emphasis on ALARA

Dag-Rune Olsen (*ESTRO*)

European Federation of Organizations for Medical Physics - Overview of actions and initiatives on radiation protection, with emphasis on ALARA

Stelios Christofides (*EFOMP*)

European Federation of Radiographer Societies - EFRS actions, initiatives and challenges on ALARA/radiation protection

Graciano Paulo (*EFRS*)

EURADOS - Overview of actions and initiatives on radiation protection

Filip Vanhavere (*SCK-CEN Mol, Belgium*)

EMAN - Overview of actions and initiatives on radiation protection, with emphasis on ALARA

Anja Almén (*SSM, Sweden*)

Discussions

13.00 Lunch

Session 2 - Tools for ALARA implementation in the medical sector

Chairs: Ola Holmberg (IAEA) - Wolfgang Eschner (EANM)

14.00

Challenges to justification and optimization - Individual health assessment using CT

Jürgen Griebel (*BfS, Germany*) Steve Ebdon-Jackson (*HPA, UK*)

Setting referral criteria for diagnostic imaging - Action of the French Society of Radiology

Philippe Grenier (*Pitié Salpêtrière Hospital - French Society of Radiology, France*)

The Swiss system for collecting population dose data and establishing DRLs: a web-based solution

A. Aroua, F. Bochud, E. Samara, R. Treier (*University Institute for Radiation Physics - CHUV, Switzerland*), P. Trueb, F. Verdun, W. Zeller (*FOPH, Switzerland*)

Clinical Auditing and Quality Assurance as tools in implementation of ALARA in the medical sector

Hannu Järvinen (*STUK, Finland*)

Discussions

15.15 Introduction to Working Group sessions

Peter Shaw (*EAN secretary*)

15.30 Working Group session

18.00 End of Day.

Thursday 9 June 2011.

Session 3 - Practical ALARA implementation in the medical sector

Chairs: Annemarie Schmitt-Hannig (BfS, Germany) - Hilde M. Olerud (NRPA, Norway)

09.00

Endovascular Brachytherapy with Re-188 after PTA in the Peripheral Blood stream - ALARA in handling Beta-Emitters

Jürgen Kopp, Hermann Wegenmair, Giebert Leissner (*Augsburg Clinic, Germany*), Ilona Barth, Arndt Rimpler (*BfS, Germany*)

ALARA in handling Beta-Emitters - Measurement techniques and optimisation

Ilona Barth, Arndt Rimpler (*BfS, Germany*)

The use of resolution recovery software in nuclear medicine from an ALARA perspective

Steve Ebdon-Jackson (*HPA, UK*)

The ISEMIR project: Working group on staff exposure in interventional radiology

Renato Padovani (*Udine University Hospital, Italy*)

The ORAMED project: Staff dosimetry in interventional radiology and nuclear medicine

Laurent Donadille (*IRSN, France*)

Discussions

10.30 Coffee Break

Session 4 - ALARA culture in the medical sector

Chairs: Fernand Vermeersch (SCK-CEN Mol, Belgium) and Madan Rehani (ICRP)

11.00

Stakeholder involvement in medical practices: report on HERCA WG Medical Application Action Plan with the CT manufacturers

Philip Trueb (*FOPH, Switzerland*)

QA and optimization in diagnostic radiology - a multi-disciplinary task: how to build a regional service to implement ALARA

Anne Catrine Traegde Martinsen (*Oslo University Hospital, Norway*)

The Norwegian Program on Quality Assurance in Radiotherapy (KVIST) - Organisation, benefits and experiences

T.P. Hellebust (*NRPA, Norway*), S. Levernes, I.E. Heikkela, D.C. Johannessen, H. Bjerke, E. Sundqvist, H.M. Olerud, G. Frykholm

The work in IEC, DICOM and IHE in continuously development of standards to improve radiation safety and performance of radiological equipment, and exchange of information between imaging modalities

Bernard Aubert (*IRSN, France*)

Feedback and lessons learned from incidents and accidents

Ola Holmberg (*IAEA*)

Discussions

12.30 Lunch.

Session 5 - ALARA competence and skills in the medical sector

Chairs: Anja Almén (SSM, Sweden) - Renato Padovani (Udine University Hospital, Italy)

13.30

Clinicians' justification of imaging: do radiation issues play a role?

Lars Borgen (*Buskerud Hospital, Norway*), E. Stranden (*Buskerud University College, Norway*), A. Espeland (*Heukeland University Hospital, Norway*)

Medical Physics Expert European Guidelines

Eduardo Gubelalde (*University Complutense of Madrid, Spain*)

German recommendations on self-referred asymptomatic patients

Birgit Keller (*BMU, Germany*)

German situation on clinical audits

Jürgen Kopp (*Augsburg Clinic, Germany*), Johannes E. Nischelsky (*ZÄS, Germany*)

Experiences with focus on the medical sector from the IAEA IRRS mission to Spain

M. Rodriguez-Marti (CSN, Spain)

Discussions

15.00 Working Group session

18.00 End of the day

Friday 10 June 2011.

Session 6 - Feedback and conclusions

Chairs: Peter Shaw (HPA, UK) - Pascal Crouail (CEPN, France)

09.00 Working Group presentations (rapporteurs of the WG's)

10.30 Coffee break

11.00 Workshop conclusions and recommendations

12.00 Lunch.