

CONTINUING EDUCATION DAY 2015

Dose from X-Ray and nuclear medicine procedures

27th November

Kantonsspital Aarau AG, Haus 1, Hörsaal

09:00 Opening SSRMP Continuing Education Meeting

Dr. Gerd Lutters, Kantonsspital Aarau AG

x-Ray Dose Concepts:

09:05 Radiation(-protection) Dose Units in Fluoroscopy and CT

Roland Simmler, Hirslanden Kliniken

**09:30 Radiation Dose to Patient/Organ from Nuclear Medicine procedures:
Patient Specific and Organ Doses Estimation**

Dr. Klaus Strobel, Luzerner Kantonsspital

**10:00 Radiation Dose to Patient/Organ from CT procedures: Patient Specific
and Organ Doses Estimation**

Dr. Hans Dieter Nagel, Buchholz Deutschland

Clinically relevant Image-Quality:

10:45 Image Reconstruction algorithm impact on Dose and Image quality (CT)

Prof. Dr. Marc Kachelriess, DKFZ Heidelberg

11:45 Automatic Exposure Control (AEC): Dose savings and pit falls

Dr. Hans Dieter Nagel, Buchholz Deutschland

**12:15 Image Reconstruction algorithm impact on Dose and Image quality
(Nuclear Medicine)**

Prof. Habib Zaidi, HUG Genf

Clinical and technical Parameter space

13:30 Patient Dose Statistic: Impact and Value

Dr. Christina Heilmeyer, Stadtspital Triemli Zürich

14:00 Protokoll Optimierung am CT: Vorgehen im Team (slides in english)

Adrian Steiner, Spital Oberengadin

14:30 The Radiologist View on Image quality in CT

PD. Dr. Georg Eich, Kantonsspital Aarau AG

15:15 Technical Image Quality: From Noise Index to Model Observer

Julien Ott, CHUV Lausanne

Dose Optimization: a special topic

15:45 MC for Dose Measurement in Diagnostic Imaging

Dr. Patrik Eschle, ZHAW Winterthur