Medical Physics Academy: CT

Congress program
Monday, 20 November 2017, 10.00 – 13.30 h

Kurszimmer OST, HOER B15
University Hospital Zurich
Program

10.00 h  Welcome speech
Natalia Saltybaeva, University Hospital Zurich

10.10 h  First topic: «Optimization of CT examinations»

1. Dose optimization techniques in CT: Overview
Yvonne Käser, PhysMed Consulting GmbH

2. Dose-Optimization and the organization of radioprotection in a hospital group
Roland Simmler, Hirslanden AG

3. The use of model observers for clinically relevant dose characterization in computed tomography
Nick Ryckx, University Hospital of Lausanne

4. CT optimisation in hybrid imaging devices
Thiago Lima, Kantonsspital Aarau

5. Influence of patient positioning on radiation dose and possible optimization
Natalia Saltybaeva, University Hospital Zurich

Discussion

11.20 h  Coffee break
Program

11.30 h  Second topic: «Patient dose tracking in CT»

1. What’s new? Spot on Radiology
Barbara Ott, Sektion Strahlentherapie und medizinische Diagnostik, Bundesamt für Gesundheit

2. How a dose monitoring platform facilitates an iterative and multidisciplinary approach to image quality and dose optimization
Christoph Aberle, University Hospital Basel

3. Dose tracking and IT-problems
Roland Simmler, Hirslanden AG

4. RADIMETRICS: Implementation of a dose data tracking software system
Luca Bellesi, EOC Bellinzona

5. Agfa tqmDOSE tracking software: benefits and pitfalls
Natalia Saltybaeva, University Hospital Zurich

6. Who is telling the truth? An feedback from the IPEM meeting on dose monitoring softwares
Thiago Lima, Kantonsspital Aarau

Discussion

Venue
University Hospital Zurich
Kurszimmer OST, HOER B15
Gloriastrasse 29
8091 Zurich