



9th Øresund Workshop on Radiotherapy

October 5-6, 2022

October 5th

09:15-09:45 Registration, coffee & sandwich

09:45-10:00 Welcome and Introduction

10:00-10:30 Leadership Perspectives – *Jeppe Friborg*

10:30-11:00 Collaborative Presentation – *Elise Konradsson & Thomas Henry*

11:00-11:15 Coffee

11:15-12:30 Proffered Papers 1

- Online adaptive radiotherapy of anal cancer: normal tissue sparing, target propagation methods, and first clinical experience – *Lina M Åström*
- Clinical experiences with online adaptive radiotherapy of vulvar carcinoma – *Malene Bak*
- SOFT: MR-guided SBRT of infra-diaphragmatic metastases – *Mette van Overeem Felter*
- Introduction of 6D couch to Gastrointestinal treatments – *Torbjörn M Haskå*
- Daily image guided radiotherapy can be accomplished within standard 15 min time slots – *Tobias Pommer*

12:30-13:30 Lunch

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October 5th, cont.

13:30-16:00 Interactive Session, *including coffee*

- A randomized phase III trial of hyper-fractionation for HNSCC – *Gabriel Adrian*
- Are there differences in performance of phantoms with different design to quantify MRsystem specific geometric distortions at Large Field of View (LFOV)? – *Lars Filipsson*
- Cardiac dose volume analysis of 5,151 patients with registry-based outcome data for ischemic heart disease – *Nora Forbes*
- Deep learning-based classification of Xerostomia in ARTSCAN III patients – *Viktor Rogowski*
- Dosimetric predictors of Gastrointestinal toxicity in patients receiving curative intended radiotherapy for anal cancer – *Katrine Smedegaard Storm*
- PTV for MR-guided and beam-gated liver SBRT – *Isak Wahlstedt*
- The T-REX trial: Tailored regional external beam radiotherapy in clinically node-negative breast cancer patients with 1-2 sentinel node macro-metastases – *Sara Alkner*

16:00-17:00 Proffered Papers 2

- Compliance assessment in a randomized phase III trial of esophagus sparing radiotherapy for metastatic spinal cord compression – an interim analysis – *Anna Mann Nielsen*
- The effect of transients on accumulated dose profiles during gated treatments on a Viewray MRIdian – *Mads Fjelbro Klavsén*
- Large intra-fraction tumor position variations in deep-inspiration breath-hold lung SBRT – *Wiviann Ottosson*
- Initial experience in treating ventricular tachycardia with SBRT – *Jens Engleson & Jonas Scherman*

17:00-17:20 Gold Sponsor Presentation

17:20 *Refreshments*

19:00 *Dinner*

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October 6th

09:00-10:30 Interactive Session, *continued*

10:30-10:50 *Coffee*

10.50-12:05 Proffered Papers 3

- Deep learning-based classification of organs at risk and their delineation guideline in pelvic cancer radiotherapy – *Christian Jamtheim Gustafsson*
- TwinBeam dual-energy CT for dose calculation and image guidance in radiotherapy – *Jens M Edmund*
- Dosimetric and geometric impact of on-patient placement of air coils in a clinical MRI-only radiotherapy workflow for prostate cancer – *Jonas Scherman*
- Delivery variations in VMAT plans of various complexity and their clinical impact – *Emmanouil Terzidis*
- Automated Data Extraction Tool (DET) for External Applications in Radiotherapy – *Mruga Gurjar*

12:05-13:05 *Lunch*

13.05-14:20 Proffered Papers 4

- The influence of tumour volume on the risk of distant metastases in head and neck squamous cell carcinomas – *Julie Kjems*
- Quality assurance measurements of hippocampal-sparing craniospinal PBS proton radiotherapy – *Anneli Edvardsson*
- Optimization of Margins and Plan Robustness for Proton Therapy of Hodgkin's Lymphoma – *Filip Hörberger*
- Proton LET and variable RBE for adolescent patients with Hodgkin lymphoma – *Laura Ann Rechner*
- Head and neck cancer mastication structure doses by older and newer external beam RT techniques and the incidence of trismus – *Niclas Pettersson*

14:20-14:40 White Board Discussion

14:40-15:30 Science Quiz and Best Presentation, *including coffee*

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