



# SEETRO 2017 3<sup>rd</sup> REGIONAL CONGRESS

## of South East European Technologists in Radiation Oncology

# PROGRAM

### Friday 22.09. 2017 г.

#### 8.00 - 10.00 **Registration**

The registration of participants will take place in the Congress Centre on the 9th floor of Tokuda Hospital. Theoretical presentations are held in the Lecture Hall "Tokuda" on the 9th floor of Tokuda Hospital. Coffee breaks will be held in the lobby of the Congress Centre on the 9th floor of Tokuda Hospital. Official dinner will be held at the restaurant Happy Village, located at blvd. Dragan Tsankov 5, Park Borissova Gradina at 19.30.

#### 10.00 – 10.10 **Opening ceremony**

Ivet Payanova

### RTT's responsibilities and duties

#### 10.10 – 10.30 **Competencies of Radiation Therapists practicing on the linear accelerator**

Jose Guilherme Couto  
Malta

#### 10.30 – 10.50 **Role of the RTTs in Radiation Oncology**

Stojanovski Goran  
Macedonia

#### 10.50 – 11.10 **The role of the dosimetrists in radiotherapy**

Desislava Dimitrova  
Burgas, Bulgaria

#### 11.10 – 11.30 **Lung SBRT- RTTs role**

Aleksandar Kostovski  
Bosnia and Herzegovina

#### 11.30 – 11.50 **Prostate VMAt – RTT's role**

Dusan Drljaca  
Bosnia and Herzegovina

#### 11.50 – 12.10 **Radiotherapy treatment of children: Challenge for RTT**

Jovan Stevanovic  
Serbia

#### 12.10 – 12.30 **Single institution experience of superficial high dose rate brachytherapy in treatment of non- melanoma skin cancer**

Ibushoski Vedrit  
Macedonia

#### 12.30 – 13.30 Lunch

#### 13.30 – 14.00 **SPONSOR PRESENTATION – ORFIT Patient Immobilization Solutions for Stereotactic Radiotherapy**

Johan Focquet

## Communication with patients

- 14.00 – 14.20 **Communication between radiation therapy technologists and patients in clinical practice** Hristi Georgieva  
Aksakovo, Bulgaria
- 14.20 – 14.40 **Communication – the key for quality radiotherapy services** Valerija Žager  
Slovenia
- 14.40 – 15.00 **Influence of radiotherapy on psychophysical health of patients with breast cancer** Đurđica Harmicar  
Croatia
- 15.00 – 16.00 **SPONSOR PRESENTATION – VARIAN**  
**Velocity: Connecting data into clinical knowledge**  
**Halcyon: what it brings to the radiotherapy practice**  
**Eclipse and Rapid plan in combination with Halcyon** Yvette Wilbur  
Vincent Ronfle  
Yvette Wilbur
- 16.00 – 16.30 Coffee break

## Imaging Methods and Protocols in Radiotherapy - CT, PET CT, SPECT, MRI

- 16.30 – 16.50 **Role of SPECT-CT imaging of Sentinel Lymph Nodes (SLNs) in Breast Cancer - Technical aspects** Aleksandra Jovanovska  
Sofia, Bulgaria
- 16.30 – 16.50 **The role of PET/CT in radiotherapy treatment Planning** Kristina Ignatova  
Varna, Bulgaria
- 17.10 – 17.30 **Comparing the target volumes generated with 10 phases 4D-CT and manual 3 phases CT** Abidin Tecik  
Turkey
- 17.30 – 17.50 **Application of the imaging methods for contouring organs at risk in head and neck cancer patients** Dobromir Tsonev  
Varna, Bulgaria
- 17.50 – 18.10 **Multi-Atlas based segmentation (Mirada RTx) vs. manual contouring for OARs in the head and neck region: efficiency time analysis** Daniel Gugyeras  
Hungary
- 18.10 – 18.30 **Planning and tracking of patients undergoing Radiosurgery - a joint protocol of imaging diagnostic and Radiation therapy departments** Tsvetelina Zasheva  
Sofia, Bulgaria

## Saturday 23.09.2017 z.

### RTT Societies and Alliance

- 9.00 – 9.30 **Development of the ESTRO RTT Alliance** Michelle Leech Chair  
Chair ESTRO RTT Committee
- 9.30 – 9.50 **Development of National Societies and international collaboration** Ilija Curic  
Serbia
- 9.50 – 10.10 **SEETRO - present and future** Discussion
- 10.10 – 10.30 **Up-to-date approaches in radiotherapy and complex oncology treatment – Acibadem City Clinic experience**
- 10.30 – 11.00 Coffee break

## **Immobilization and Treatment Verification Methods**

- 11.00 – 11.20 ***Reduction of the dose to the heart in patients with left breast cancer using deep inspiration breath hold*** Iliya Gabrovski  
Sofia, Bulgaria
- 11.20 – 11.40 ***Advance IGRT techniques comparison of KV, CBCT and ExacTrac and choosing the most useful one*** Sema Kurun  
Turkey
- 11.40–12.00 ***Rectal and bladder interfraction motion during prostate radiotherapy – dose differences in treatment planning study*** Michaela Mosova  
Czech Republic
- 12.00 – 13.00 **SPONSOR PRESENTATION – QFIX  
Advances in immobilization & setup for SRS,  
SRT & SBRT Treatments** Robert Rusnac B.S., R.T.(T),  
Henry Ford Cancer Institute,  
Detroit, MI
- 13.00 – 14.00 Lunch

## **Immobilization, Tracking and Treatment Verification Methods”**

- 14.00–14.20 ***Positioning and verification of patients, treated with DIBH technique*** Viara Ivanova  
Sofia, Bulgaria
- 14.20–14.40 ***Techniques of radiotherapy with breathing control /ABC – active breathing coordinator/ - application and benefits*** Yoanna Stoyanova  
Varna, Bulgaria
- 14.40–15.00 ***The ExacTrac system and implants in verification of the position of prostate cancer patients treated using radical radiotherapy in the pelvis area*** Klaudia Lewcio-Szczęсна  
Poland
- 15.00–15.20 ***Deep inspiration breath hold /DIBH/ radiotherapy prostate radiotherapy – dose differences in treatment planning study*** Elka Stoyanova  
Sofia, Bulgaria
- 15.20–15.40 ***OSMS application for positioning and tracking a prostate radiotherapy – dose differences in treatment planning study*** Philip Krumov  
Sofia, Bulgaria
- 15.40–16.00 ***Features of the anatomo-topography and dosimetry planning with helical therapy system /Thomotherapy/*** Vanya Taseva  
Sofia, Bulgaria
- 16.00–16.30 Coffee break

## **Free topics**

- 16.30 – 16.50 ***QA track: managing QA data in UHC Zagreb*** Vedran Manestar  
Croatia
- 16.50 – 17.10 ***The role of the nurse in the radiotherapy course delivered concurrently with systemic therapy*** Kalina Katrandzhieva  
Varna, Bulgaria
- 17.10 – 17.30 ***Adjuvant Radiotherapy of Malignant Triton Tumors (MTT)*** Stoyanka Georgieva  
Sofia, Bulgaria
- 17.30 – 17.50 ***A different perspective on the RTTs educational process*** Antonia Antonova  
Sofia, Bulgaria

- 19.30 **Official dinner**

**Sunday 24.09.2017 z.**

**IMRT, IGRT, RapidArc, VMAT**

- 9.00 – 9.30 ***IGRT - Image Guided Radiation Therapy*** Philipp Scherer  
ESTRO RTT Committee
- 9.30 – 9.50 ***Modern techniques in radiotherapy-VMAT and IGRT*** Aylin Zeynunova  
Varna, Bulgaria
- 9.50 – 10.10 ***Adaptive CT protocols and re-contouring*** Ümmühan Alathl  
Turkey
- 10.10 – 10.30 ***Verification of the positioning of patients planned with IMRT techniques*** Evgeni Aldev  
Sofia, Bulgaria
- 10.30 – 11.00 Coffee break
- 11.00 – 12.00 **SPONSOR PRESENTATION - ELEKTA**

**Radiosurgery - SBST, SRS, SBRT**

- 12.00 – 12.20 ***Preparation and implementation of SBRT*** Radka Mandeva  
Panagyurishte, Bulgaria
- 12.20 – 12.40 ***Stereotactic body radiotherapy of lungs*** Tilen Šimic  
Slovenia
- 12.40 – 13.00 ***Examination the usage effects of the respiratory belt during the stereotactic radiotherapy of patients with lower lobes lung cancer*** Márton Vékás  
Hungary
- 13.00 – 14.00 Lunch
- 14.00 – 14.20 ***Stereotactic body radiation therapy for ventricular tachycardia*** Andrea Binarova  
Czech Republic
- 14.20 – 14.40 ***Stereotactic radiosurgery (SRS) for brain metastases*** Rumiana Petkova  
Sofia, Bulgaria
- 14.40 – 15.00 ***Evaluation of spinal cord dose tolerances according to RTOG 0631 protocol*** Hande Yaman Sertkaya  
Turkey
- 15.00 – 15.20 ***Evaluating pancoast tumors adherent to spinal cord by SBRT treatment by using IGRT*** Adnan Şafek  
Turkey
- 15.20 – 15.40 **CLOSURE**