Programme overview

Thursday 15th October 2009

12.00-14.30  Registration

OPENING CEREMONY

14.30-14.45  Welcome Speeches
 Csaba Polgár, Head of Radiotherapy NIO, Budapest and Jos Lamers, CEO Nucletron

14.45-15.00  Speeches by Honorary Patrons
 Prof Dr Miklós Kásler, Director NIO, Budapest and László Mangel,
 President of the Hungarian Society for Radiation Oncology

ORAL SESSION I: BREAST BRACHYTHERAPY – MULTICATHETER APBI
Chairpersons: Anna Kulik and János Fodor

15.00-15.20  Current Status and Future Perspectives of Multicatheter Breast Brachytherapy
 Csaba Polgár

15.20-15.35  LDR and HDR Multicatheter APBI:12-Year Result of William Beaumont Hospitals,
 Royal Oak, MI, USA
 Michel Ghilezan

15.35-15.50  HDR Multicatheter Brachytherapy for APBI: Technique and Long-Term Results
 of Örebro University Hospital
 Bengt Johansson

15.50-16.00  Discussion
 Anna Kulik and János Fodor

16.00-16.30  Coffee Break

16.30-16.50  VIDEO PRESENTATION I
 Breast Implantation Using Nucletron Comfort™ Catheters and Oncentra® Brachy
 Treatment Planning System
 Tibor Major

16.50-17.10  New Technology for Breast Brachytherapy
 Grzegorz Zwierchowski and Else Meijer

17.10-17.30  Discussion
 Anna Kulik and János Fodor

ROUND-TABLE DISCUSSION I: BREAST BRACHYTHERAPY
Chairman: Jaroslav Lyczek

17.30-18.15  Should We Keep our Good Old Breast Implant Techniques and 2-D Planning or Should
 We Go for CT-Based
 Conformal Brachytherapy Planning?
 Michel Ghilezan, Bengt Johansson, Christian Kirisits, Tibor Major, Csaba Polgár,
 Pavel Slampa
ORAL SESSION II: PROFERRED PAPERS ON BREAST BRACHYTHERAPY
Chairmen: Bengt Johansson and Pavel Slampa

18.15-18.40 3-D CT-Based HDR Interstitial BT for Localised Breast Cancer
   – Plan Evaluation: M.S. Patel
   Cancer Centre Experience
   Ganesan Senthil

18.40-19.00 IPSA vs. Geometry-Based Optimisation in Dose Distribution Calculation in Accelerated
   Partial Breast Irradiation
   Marta Szlag

20.00 Dinner

Friday 16th October 2009

ORAL SESSION III: IS THERE ARE A ROLE FOR PREOPERATIVE BRACHYTHERAPY IN TREATING GYN TUMOURS?
Chairpersons: Catharina Beskow and László Thurzó

08.30-08.45 Pathologic Complete Remission after Preoperative Intracavitary Radiotherapy
   of Cervical Cancer:
   The Radiumhemmet Experience
   Catharina Beskow

08.45-09.00 Tolerance and Efficacy of Preoperative Intracavitary HDR Brachytherapy in IB and IIA
   Cervical Cancer
   Brygida Białas

09.00-09.15 Preoperative HDR Brachytherapy in the Treatment of Operable Cervical Carcinoma
   – Status of the Hungarian
   Multicentric Randomised Clinical Trial
   Júlia Vízkeleti

09.15-09.45 New Technology for Image-guided Adaptive Brachytherapy for Gynaecological Tumours
   Eric Sewasingh

09.45-10.00 Discussion
   Catharina Beskow and László Thurzó

10.00-10.30 Coffee Break

ROUND-TABLE DISCUSSION II: GYNAECOLOGICAL BRACHYTHERAPY
Chairman: Primož Petrič

10.30-11.15 Performing Successful Intracavitary Gynaecological Brachytherapy without
   Access to an MRI Facility
   Brygida Białas, Christian Kirisits, Jaroslaw Łyczek, Tibor Major, Andrzej Roszak,
   László Thurzó
**ORAL SESSION IV: PROFFERED PAPERS – GYNAECOLOGICAL BRACHYTHERAPY**

**Chairmen: László Mangel and Andrzej Roszak**

11.15-11.25 Analysis of Standard Loading Patterns for Cervix BT Using MRI-Based Dosimetry  
*Anna Lettmayer*

11.25-11.35 Use of Adjustable Applicator System for MRI-Guided BT in Cervical Cancer  
*Árpád Kovács*

11.35-11.45 Evaluation of HDR BT Fraction Dose on Local Control and Complication in Patients with Cervical Cancer IB and IIA  
*Małgorzata Kraszkiewicz*

*Pavol Matula*

12.00-13.00 Lunch

**ORAL SESSION V: NEW DEVELOPEMENTS IN BT PHYSICS – INVERSE PLANNING**

**Chairmen: Dimos Baltas and Tibor Major**

13.00-13.20 The Role of Inverse Planning in Prostate Brachytherapy  
*Dimos Baltas*

13.20-13.35 Optimisation of Image-Based Treatment Plans for Breast HDR Implants  
*Tibor Major*

13.35-13.50 Inverse Planning in Gynaecological Brachytherapy  
*Christian Kirisits*

13.50-14.05 Recent and Future Developments for Brachytherapy Treatment Planning  
*Eric Sewsingh and Mehmet Üzümcü*

14.05-14.15 Discussion  
*Dimos Baltas and Tibor Major*

**ORAL SESSION VII: PROFFERED PAPERS – BRACHYTHERAPY PHYSICS**

**Chairmen: Maryla Kawczyńska and Christian Kirisits**

14.15-14.25 Irregular vs. Regular Seed Loading Pattern in Permanent Prostate Brachytherapy Planning  
*Georgina Fröhlich*

14.25-14.35 MRI Modelling of Rectal Dosimeter Probe during MRI-Guided HDR BT for prostate: Feasibility and Initial Experiences  
*Antal Gergely*

14.35-14.45 Development of Surface Applicator (Preliminary Results)  
*Jenő Pálvölgyi*

14.45-15.15 Coffee Break
ROUND-TABLE DISCUSSION III: RAISING THE PROFILE OF BRACHYTHERAPY
Chairman: Boguslaw Maciejewski

15.15-15.30 Clinical and Economic Sunrise for Brachytherapy
Boguslaw Maciejewski

15.30-17.15 Discussion:
Clinical and Economic Cost-Benefit Ratio of Brachytherapy vs. Other Modalities
(e.g. IMRT, Protons)
Driving the Cause of Brachytherapy through Better
• Evidence
• Standardisation and reproducibility (e.g. Protocols)
• Economics (e.g. Reimbursement, Investment Plans)
• Technology
• Education
• Lobbying (e.g. Healthcare Authorities, Healthcare Funds, Professional Medical Associations beyond RT, Patients)
Péter Ágoston, Dimos Baltas, Catharina Beskow, Brygida Białas, Bengt Johansson, Michel Ghilezan, Gábor Kacso, Christian Kirisits, József Lövey, Jaroslaw Lyczek, Boguslaw Maciejewski, Julian Malicki, Primož Petrič, Janusz Skowronek, Pavel Slampa

ORAL SESSION VIII: PROFFERED PAPERS – MISCELLANEOUS BRACHYTHERAPY (OTHER THAN BREAST, GYN AND PROSTATE)
Chairmen: Janaki Hadijev and Zoltán Takács-Nagy

17.15-17.25 Brachytherapy Infrastructure in Poland (2002-2008)
Wojciech Bulski

17.25-17.35 HDR BT Endobronchial in Managing Advanced Lung Cancer
– Comparison of Different Protocols
Janusz Skowronek

17.35-17.45 Palliative PDR BT in Treating Recurrent Larynx Cancer
Janusz Skowronek

17.45-17.55 HDR BT of Skin Cancer in Material of GPCC
Marek Kanikowski

17.55-18.05 Effectiveness of Yttrium-90 Colloid BT in Cystic Craniopharyngeomas
Zsuzsa Kolumbán

POSTER WALK
18.15-18.45 Poster Walk, moderated by József Lövey and Kornélia Szluha

18.45-19.15 Break

SOCIAL EVENT: AN EVENING OUT IN BUDAPEST – GUNDEL RESTAURANT (ÁLLATKERTI úT 2., BUDAPEST 1146)
19.15-23.00 Gala Dinner
Best Abstracts Awards
Party Time
Saturday 17th October 2009

ORAL SESSION IX: DEBATE ON BRACHYTHERAPY FOR LOW-RISK PROSTATE CANCER HDR VS. LDR SEEDS MONOTHERAPY
Chairmen: Bengt Johansson and Janusz Skowronek

09.00-09.15 Seeds Brachytherapy as Treatment of Choice
   Péter Ágoston

09.15-09.30 HDR Brachytherapy as Treatment of Choice
   Michel Ghilezan

09.30-09.45 Discussion
   Péter Ágoston, Michel Ghilezan, Bengt Johansson, Janusz Skowronek

09.45-10.00 Proposal for a Central European Multicentric Randomised Clinical Trial Comparing HDR to LDR Seeds Monotherapy
   Péter Ágoston, Janusz Skowronek

10.00-10.15 VIDEO PRESENTATION II
   Technique and Treatment Planning of Prostate Seeds Implantation Using the Nucletron FIRST™ System
   Tibor Major, Péter Ágoston

10.15-10.30 VIDEO PRESENTATION III
   Technique and Treatment Planning of HDR Prostate Using Nucletron Oncentra® Prostate
   Tibor Major, Péter Ágoston

10.30-11.00 New Technology for Image-Guided Adaptive Brachytherapy for Prostate Tumours
   Lisette van der Vight

11.00-11.20 Discussion
   Péter Ágoston, Michel Ghilezan, Bengt Johansson, Tibor Major, Janusz Skowronek, Lisette van der Vight

11.20-11.45 Coffee break

ROUND-TABLE DISCUSSION VI: PRACTICE OF PROSTATE HDR AND SEEDS BRACHYTHERAPY
Chairman: Janusz Skowronek

11.45-12.00 Optimisation Traps of HDR to LDR Prostate Brachytherapy
   – The Greater-Poland Cancer Centre Experience
   Janusz Skowronek

12.00-12.30 Discussion: Learning-curve of HDR and LDR Prostate Brachytherapy
   Péter Ágoston, Dimos Baltas, Michel Ghilezan, Bengt Johansson, Renata Soumarová, Grzegorz Zwierzchowski

ORAL SESSION X: PROFFERED PAPERS – PROSTATE BRACHYTHERAPY
Chairman: Jarosl/aw Lyczek and Péter Ágoston

12.30-12.40 Influence of Number of Needles on Prostate HDR Treatment Plan Quality
   Adam Chichel
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<td>12.40-12.50</td>
<td>Salvage BT for Local Recurrences of Prostate Cancer Treated Earlier with RT</td>
<td>Marzena Gaworska-Suwińska</td>
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<td>12.50-13.00</td>
<td>Prostate HDR BT – 2 years of Treatment at the Greater-Poland Cancer Centre</td>
<td>Marek Kanikowski</td>
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<td>13.00-13.10</td>
<td>Open MRI-Guided HDR BT for Prostate Cancer: Feasibility and Initial Experiences</td>
<td>Ferenc Lakosi</td>
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**CLOSURE**

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<td>13.15-13.30</td>
<td>Closing remarks</td>
<td>Jos Lamers and Csaba Polgár</td>
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