Educational Workshop
Image-Guided Adaptive Brachytherapy for Gynecology
Pamela Youde Nethersole Eastern Hospital
Chai Wan, Hong Kong, 18 - 20 December 2015
Dear Colleagues,

It is an honor and pleasure to invite you to the clinical workshop “3D Image-guided adaptive brachytherapy for gynecology”. This workshop is based on the ICRU/GEC-ESTRO recommendations and will take place at the Department of Clinical Oncology of the Pamela Youde Nethersole Eastern Hospital, Hong Kong. Expert professors Richard Pötter and Christian Kirisits from Vienna General Hospital will be present to provide their insights and experiences.

Participants will gain comprehensive practical insight into the clinical workflow of 3D image-guided adaptive brachytherapy for gynecological tumors. Practical issues, solutions and constraints for each participating center are defined during extensive discussions on the practical aspects of implementing CT or MRI image-based brachytherapy for gynecology.

The workshop is aimed at radiation oncologists, clinical physicists and radiation technologists working in a multidisciplinary team, who just started with or plan to implement 3D image-guided brachytherapy for gynecology. The workshop will also be open to people outside Hong Kong.

We warmly invite you to join this unique workshop and to gain invaluable knowledge to bring the advantages of image-guided adaptive brachytherapy to your center and your patients. We are looking forward to meeting you in Hong Kong!

Yours sincerely,

Dr. Rebecca Yeung
Department of Clinical Oncology
Pamela Youde Nethersole Eastern Hospital
Chai Wan, Hong Kong

Prof. Dr. R. Pötter
Department of Radiotherapy
Medical University of Vienna
Vienna General Hospital (AKH)
Vienna, Austria
Intended Participants
The workshop is aimed at radiation oncologists, clinical physicists and radiation technologists working in a multidisciplinary team, who just started with or plan to implement 3D image-guided brachytherapy for gynecology. The workshop will also be open to people outside Hong Kong.

Workshop Topics
• 3D Imaging with MRI and CT protocols
• Contouring
• Applicator reconstruction
• Video demo case presentation (implantation)
• Multidisciplinary treatment planning
• Team roles, logistics, infrastructure, learning curve
• Hands-on exercises

Entry Level
Experience in brachytherapy.

Length
1 evening lecture and 2 days workshop.

Language
The programme will be conducted in English.

Faculty Members
• Richard Pötter, MD, PhD
  Professor and Chairman
  Department of Radiotherapy
  Medical University of Vienna
  Vienna General Hospital (AKH)
  Vienna, Austria

• Christian Kirisits, PhD
  Assoc. Professor
  Head of Brachytherapy Physics
  Department of Radiotherapy
  Medical University of Vienna
  Vienna General Hospital (AKH)
  Vienna, Austria

• Amy Chang, MBBS, FRCR
  Associate Consultant
  Department of Clinical Oncology
  Pamela Youde Nethersole Eastern Hospital
  Hong Kong

• Steven Siu, MBBS, FRCR
  Associate Consultant
  Department of Clinical Oncology
  Queen Mary Hospital
  Hong Kong

• Esther Wong, MBBS, FRCR
  Associate Consultant
  Department of Radiology
  Pamela Youde Nethersole Eastern Hospital
  Hong Kong

Workshop Venue
Multicenter Block B, HKEC Training Center
Pamela Youde Nethersole Eastern Hospital
3, Lok Man Road, Chai Wan
Hong Kong

Lecture:  Lecture Theatre, G/F
Workshop:  Seminar Room 2, G/F

For program detail and registration please visit www.brachyacademy.com or send an email to: info@brachyacademy.com
For Hong Kong participants, please email to yuenkl2@ha.org.hk for registration and inquiry
Workshop: Agenda - Friday, December 18, 2015

18:00  Cocktail Reception & Registration
18:30  Welcome Speech
18:35  Lecture “Advances in Adaptive Image Guided Brachytherapy for Cervical Cancer” by Prof. Dr. R. Pötter
19:25  Closing remarks

Workshop: Agenda - Saturday, December 19, 2015

Opening
08:30  Registration
08:45  Opening remark / introduction

General discussion and program overview
09:00  Program overview
09:15  CT-based IGBT
09:40  MRI-based IGBT
10:05  Discussion
10:45  Tea break

Imaging and target definition
11:00  CT / MRI imaging - Protocol anatomy and pathology
11:45  ICRU / GEC-ESTRO target concept
12:30  Clinical example of target concept
12:45  Lunch break

Contouring session
13:45  CT / MRI based contouring
14:15  Hands-on: contouring session
16:15  Tea break

Planning session - Reconstruction
16:30  Example cases with different applicator types
17:15  Image-based planning and applicator reconstruction (with hands-on)
Live case presentation and discussion

09:00  Case presentation - video demo case discussion
10:00  Demo case discussion - treatment planning
10:45  Tea break

Treatment Planning

11:00  Dose painting, adaptive planning
11:30  DVH parameters and reporting
12:00  Lunch break

Planning session - planning, evaluation and reporting

13:00  Hands-on: treatment planning, dose optimization + evaluation
14:30  Hands-on: dose documentation, reporting and discussion
15.00  Tea break

Prospects and Conclusion

15:15  Clinical outcome, evidence and dose constraints
15:55  Overview of network and ongoing research
16:10  Discussion and practical questions