



**UNIVERSITY
OF MALAYA**
MEDICAL CENTRE



HIGH DOSE RATE (HDR) GYNECOLOGICAL BRACHYTHERAPY

MEDICAL PHYSICISTS & DOSIMETRISTS ARE WELCOME TO JOIN THIS COURSE

5th & 6th OCTOBER 2016

UNIVERSITY OF MALAYA MEDICAL CENTRE

www.ummc.edu.my

BACKGROUND

The implementation of gynecology high-dose rate brachytherapy in Malaysia just started in the mid of 2000. To the best of our knowledge, there were only 3 to 4 clinical centers implement the use of HDR brachytherapy for the cervical cancer treatment. In addition, until today, there were limited numbers of training pertaining to this technique being held in this country, Malaysia. With the advantage of HDR brachytherapy in gynecology cancer treatment, we aim to encourage the implementation of this technique in our country. We also aim to provide a thorough information and training for the participants for a clear understanding of the HDR system, physics behind the treatment application and the system as a whole. Since this is the first seminar ever held, we hope the objectives can be achieved with the help and guidance from the expert speakers for the betterment of cervical cancer patient in this country

OBJECTIVES

By the completion of this course, the participants will be able to :

1. Understand the HDR gynecological brachytherapy concepts and its advantages in treating cervical cancer
2. Promote the implementation of HDR gynecology brachytherapy in many centers.
3. Strengthen the on-going HDR gynecology brachytherapy procedures in centers which have already implement HDR gynecology brachytherapy.

VENUE

HOTEL ARMADA, PETALING JAYA, MALAYSIA

FEES

MALAYSIAN - RM 800.00

INTERNATIONAL- RM 1600.00

**Fees including one night stay at Armada Hotel*

SPEAKERS



Daniel Berger, PhD - Medical Physicist, Center for Medical Physics and Biomedical, Medical University of Vienna, General Hospital of Vienna, Austria.

PhD Title : 3D Imaging in modern brachytherapy design and verification of novel treatment planning concepts.



Swamidas V Jamema, PhD - Medical Physicist, Department of Medical Physicist, Tata Memorial Center in Mumbai, India.

PhD Title : Dosimetric aspect of 3D Image based Adaptive Brachytherapy.

Both speakers :

- Appointed as teachers in various international teaching activities organized by ESTRO, IAFE, IAEA teaching and training course.
- Author/co-author of more than 30 peer-reviewed scientific publications and acts as reviewer of many national and international journals.

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PROGRAM INFORMATION

(DAY 1) WEDNESDAY

5 OCTOBER 2016

- 08.15 am : Registration.
08.45 am : Welcoming speech by Course Advisor.
09.00 am : Lect. 1 : HOD speech.
10.00 am : **Tea Break.**
10.30 am : Lect. 2 : Radiobiology for HDR brachytherapy.
11.30 am : Lect. 3 : HDR dose calculations (AAPM TG 43) and brachytherapy source calculations.
12.30 pm : Q & A.
01.00 pm : **Lunch.**
02.00 pm : Lect. 4 : Acceptance & commissioning for HDR brachytherapy.
02.45 pm : Lect. 5 : Treatment planning system QC procedure.
03.30 pm : **Tea Break.**
04.00 pm : Lect. 6 : Imaging and treatment planning system.

(DAY 2) THURSDAY

6 OCTOBER 2016

- 08.00 am : Lect. 7 : Treatment planning techniques in Gyne brachytherapy - Dose optimizer options : Inverse planning, Graphical/Geometrical and Manual.
09.00 am : Lect. 8 : Power Point practical of TPS planning of Gynecological brachytherapy.
10.00 am : **Tea Break**
10.30 am : Lect 9 : Applicator reconstruction and effect of applicator displacement - Power Point practical.
11.10 am : Lect 10 : Treatment delivery and in-vivo dosimetry in Gynecology brachytherapy.
12.00 pm : Lect. 11 : Uncertainties in brachytherapy.
12.30 pm : **Lunch**
02.00 pm : Lect. 12 : QA of HDR Brachytherapy - pre & post treatment.
02.45 pm : Lect. 13 : The transition to 3D Gynecology Brachytherapy.
03.30 pm : **Tea Break**
04.00 pm : Lect. 14 : Good practice in Brachytherapy.
04.30 pm : Workshop Closing

REGISTRATION FORM

Organisation's Details

Organisation Name :

Address :

City : Postcode : Country :

Telephone : Fax :

Delegates' Details

Name :

Title :

Email :

Name :

Title :

Email :

Name :

Title :

Email :

Invoice

The invoice should be directed to Mr { } Ms { } Dept { }

Name :

Dept :

Telephone : Fax :

Email :

Vegetarian ?

☐ YES

☐ NO

For office use only

Date Received :

Verified by :

2 Easy Ways To Register

- Call :
+603 7949 4181 / 3695
- By Email :
norolhidayah@ummc.edu.my
nadiamh@ummc.edu.my

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Please tick ☒ preferred payment method:

☐ Cheque RM payable to
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Cheque Number:

☐ Bank-in or Transfer to :
Bank Islam

Account Number :
14171010007496

*Payment is to be attached with this application form.

GST ID NUMBER 001009319936

SWIFT NUMBER BIMBMYKL

Confirmation Details :

A confirmation email will be issued upon receipt of payment. Please contact UMMC should you have any queries pertaining to registration details.

Cancellation

Substitutions or delegate replacements within the same category are welcomed at any time.


All cancellation must either be in writing, fax or email at least 28 days before the conference dates. No cancellation will be entertained thereafter.

Cancellation will also be subjected to an administrative fee of RM50.00

CONTACT US

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