



Hong Kong Institution of Physicists in Medicine
香港醫學物理學院

Certificate Course on Brachytherapy Physics

Course Content

Preliminary on Atomic and Nuclear Physics, Radioactivity
Sealed and Unsealed Sources
Radiation Therapy and Brachytherapy
Low Dose Rate and High Dose Rate Brachytherapy
Brachytherapy Sources and Management
Brachytherapy Dose Algorithm
Classical Dosimetric Systems
Brachytherapy Treatment Planning
Clinical Applications of Brachytherapy
Image-Guided Brachytherapy, 3D versus 2D
Dose Schemes in Radiotherapy
Commissioning and Quality Assurance of Brachytherapy System
Contingency in Brachytherapy
Safety and Good Practices
Research and Development
Course Wrap Up

Date, Time and Venue:

The course will be held on:

Date	Time
11 July 2020	2:00 pm - 4:00 pm
18 July 2020	2:00 pm - 4:00 pm
25 July 2020	2:00 pm - 4:00 pm

Duration of Course:

6 hours lectures, Q&A and examination

Venue:

Conference Room 801, 8/F, Li Shu Fan Block, Hong Kong Sanatorium & Hospital,
Happy Valley, Hong Kong

Speaker

Dennis Ngar Yuen Kan, Ph.D., CertMedPhy,
Senior Physicist, Medical Physics Unit,
Tuen Mun Hospital

Target Participants:

Physicists, doctors, radiographers, radiation therapist, biomedical engineers.
Preference will be given to applicants who are currently working with radiological equipment in hospital environment.

Assessment:

A written (MCQ) examination will be held at the end of the course.

Accreditation:

6 CPD credits by Hong Kong Institution of Physicists in Medicine

Course Award:

A certificate of completion of the course "Brachytherapy Physics" will be issued to a participant who has passed the examination.
An attendance certificate will be issued to a participant who has failed the examination.

Teaching Medium

The course will be conducted in English

Tuition Fee*:

HKD 240

*A 50% discount will be given to trainees from the hospital that provide venue for training.

Enrollment:

This course is open to HKIPM members only.

Completed registration form shall be sent with a cheque for the tuition fee to Mr. Hui Geng, Member of Education Committee of the Hong Kong Institution of Physicist in Medicine. The cheque should be crossed and made payable to "Hong Kong Institution of Physicists in Medicine". Full payment should be made at registration and no refund for withdrawal will be entertained due to any circumstances.

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Happy Valley

Closing Date for Application:
Friday, 3 July 2020