



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
- Imaged-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
5 October 2024	2:00 pm - 4:00 pm
12 October 2024	2:00 pm - 4:00 pm
19 October 2024	2:00 pm - 4:00 pm

Duration of Course:

6 hours lectures, Q&A and examination

Venue:

Zoom

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

Accreditation:

6 CPD credits by Hong Kong Institution of Physicists in Medicine

Teaching Medium

The course will be conducted in English

Tuition Fee:

HKD 240

Enrollment:

This course is open to HKIPM members only.

Completed registration form shall be sent to Mr. Victor Cheung, Member of
Education Committee of the Hong Kong Institution of Physicist in Medicine at the
address give below:

Mr. Victor Cheung
Medical Physics Department
8/F, Li Shu Fan Block
Hong Kong Sanatorium & Hospital
2 Village Road
Happy Valley

Closing Date for Application:

Wednesday, 2nd October 2024