

Syllabus

Course	International Training Course for Physician_1-week	Total Hrs	19.00
Purpose	Acquire fundamental knowledge of clinical carbon ion radiotherapy(CIRT).		
Objectives	<ol style="list-style-type: none"> 1. Understand the background and current status of CIRT. 2. Describe the indications, standard treatment and outcomes of CIRT. 3. Explain the clinical assessment of CIRT. 4. Explain the basic physical principles and the biological effects of CIRT. 		
Session	Lecture #	Contents	Instructional method
		Orientation	
1	B-1	Introduction to Carbon Ion Radiotherapy	Lecture & video
2	B-2	Head and Neck Cancer	Lecture
3	B-3	Dental interventions	Lecture
4	B-4	Ocular melanoma	Lecture
5	B-5	Esophageal Cancer	Lecture
6	B-6	Lung cancer	Lecture
7	B-7	Hepatobiliary cancer	Lecture
8	B-8	Pancreatic cancer	Lecture
9	B-9	Urological cancer	Lecture
10	B-10	Gynecologic tumors	Lecture
11	B-11	Breast cancer	Lecture
12	B-12	Locally recurrent colorectal cancer	Lecture
13	B-13	Sarcoma	Lecture
14	B-14	Diagnostic Imaging	Lecture
15	B-15	Physics-0: facility tour	Observation
16	B-16	Physics-1	Lecture
17	B-17	Radiation Biology	Lecture
18	Special	Treatment Planning	Observation-based practical training
19	Special	Treatment Planning	
		Conclusion	
Remarks	<ol style="list-style-type: none"> 1. Participants must follow the instructions below. <ol style="list-style-type: none"> ①Participants are strictly prohibited from performing any clinical procedures, or other medical interventions. ②Clinical observation is allowed only when the patient has given consent. 2. Participants must attend conferences as follows: <ul style="list-style-type: none"> • Treatment planning: (Mon) (Tue) (Fri) 16:30~17:00, (Thu) 8:30~9:30 • Cancer board : (Tue) 8:30~9:30, (Thu)16:30~17:00 3. Separate from the training program, participants may be offered opportunities to observe actual outpatient consultations and treatments, subject to clinical circumstances and the patient's informed consent. <p style="margin-left: 20px;">Please note that the duration of the program and the allocation of time may be subject to adjustment due to public holidays, clinical schedules, or other operational requirements.</p> 4. The training content will be implemented in a way that ensures the training objectives can be achieved. 		