

Syllabus (For reference only)

Course	International Training Course for Physician_1-week		Total Hrs	19.0
Purpose	Acquire fundamental knowledge of clinical carbon ion radiotherapy(CIRT).			
Objectives	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	1. Participants must follow the instructions below. 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: • Treatment planning: 4 × /week • Cancer board: 2 × /week 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. 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. 4. The training content will be implemented in a way that ensures the training objectives can be achieved.			