ITCCIR
ITCCIR organizing committee

2023
International Training Course on Carbon-ion Radiotherapy

November 13 -18, 2023 Chiba & Gunma, Japan

The course is intended to provide basic and practical knowledge of biology, physics, and clinical aspects of carbon-ion radiotherapy, together with up-to-date information on charged particle therapy.

Course Directors

Hirohiko Tsujii
Visiting Researcher, QST Hospital
National Institutes for Quantum Science and Technology (QST)

Hiroshi Tsuji
Director, International Particle Therapy Research Center, QST Hospital, QST

Tatsuya Ohno
Director, Professor, Gunma University Heavy Ion Medical Center (GHMC)

Registration
Fee : 150,000 JPY
Including training fee, 6 days accommodation fee with breakfast, lunch, transportation fee from hotel to venue, textbooks, etc.

Program

Biology
- Characteristics
- Fractionation
- Anti-tumor Immunity
- Hypoxia
- Targeted therapy
- FLASH therapy, etc.

Physics
- Accelerators
- Beam delivery
- Facility design and commissioning, etc.
- Biological models
- Gated irradiation

Clinical
- H&N, B&S, Lung, Liver, Pancreas
- Prostate, Rectal, Uterus, Breast, Eye, etc.

Diagnosis
- ACR Reporting
- PET imaging

Topics
- Proton therapy
- BNCT
- CIRT at various facilities worldwide, etc.

Co-organized by／QST Hospital／Gunma University／Association for Nuclear Technology in Medicine (ANTM)

Supported by／East Japan Heavy Ion Center, Yamagata／HokkaidoUniversity PBTC／Hyogo Ion Beam Medical Center／i-ROCK, Kanagawa Cancer Center／Osaka Heavy Ion Therapy Center／PMRC, University of Tsukuba／SAGA HIMAT

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