

YCC & EJHC Joint Seminar

Carbon Connect 2026

A Joint Seminar for Progress in Carbon-ion Radiotherapy

Date Oct 31, 2026 (Sat)

Venue NEWILHAN Memorial Hall (1F)
Avison BioMedical Research Center (ABMRC)
Yonsei University College of Medicine
Seoul, Republic of Korea

Program

08:30-09:00 Registration

09:00-09:05 Welcome Address

09:05-09:10 Congratulatory Message

Woong Sub Koom
(Director of HITC, Yonsei Cancer Center)

Masashi Koto
(Director of EJHC, Yamagata University)

Session I Current Status of Carbon-ion Radiotherapy

Woong Sub Koom (Yonsei Cancer Center)
Mayumi Ichikawa (Yamagata University)

09:10-09:35 Commissioning and Clinical Implementation of Carbon Ion Radiotherapy at Yonsei Cancer Center

Jin Sung Kim
(Yonsei Cancer Center)

09:35-10:00 Five-Year Summary of Treatment Outcomes at Yamagata University East Japan Heavy Ion Center

Masashi Koto
(Yamagata University)

10:00-10:25 Five-Year's Operation Experiences with TOSHIBA CI-1000 using the Gantry

Takeo Iwai
(Yamagata University)

10:25-10:50 Has Carbon Ion Therapy Delivered on Its Promises?

Marco Durante
(Chair of PTCOG)

10:50-11:15 Photo / Coffee Break

Session II Disease-Specific Clinical Applications of CIRT

Eui Kyu Chie (Seoul National University College of Medicine)
Masashi Koto (Yamagata University)

11:15-11:40 Carbon-ion Radiotherapy for Pancreatic Cancer at Yamagata University

Mayumi Ichikawa
(Yamagata University)

11:40-12:05 Carbon-ion Radiotherapy for Soft Tissue Sarcoma at Yonsei University

Seo Hee Choi
(Yonsei Cancer Center)

12:05-12:30 Carbon-ion Radiotherapy for Lung Cancer at Yamagata University

Yasuhito Hagiwara
(Yamagata University)

12:30-13:30 Lunch

Session III Novel Treatment Approaches and Future Directions of CIRT

Si Yeol Song (Asan Medical Center)
Takeo Iwai (Yamagata University)

13:30-13:55 Fiducial-less Tracking-Based Carbon Ion Radiotherapy for Choroidal Melanoma

Kyung Hwan Kim
(Yonsei Cancer Center)

13:55-14:20 Accelerator Tuning for Irradiation Improvement of Carbon Ion Radiotherapy

Hikaru Souda
(Yamagata University)

14:20-14:45 Recent Advances and Future Directions in Medical Physics Research for CIRT

Hojin Kim
(Yonsei Cancer Center)

14:45-15:10 Toward Adaptive Carbon Ion Radiotherapy: Current Efforts and Validation

Yuya Miyasaka
(Yamagata University)

15:10-15:20 Closing Remark