

Time Schedule

Time	Room A: Topaz	Room B: Diamond	Room C: Ruby
9:00	Opening Session	Sponsored Session 6 Advanced Imaging for Precision Radiation Oncology <i>Sponsored by Siemens</i>	9:00–12:50 Poster Mounting 9:00–16:50 Company Exhibition
9:30	Oral Session 1		
9:50	Break	Break	
10:00	Sponsored Session 1 Adaptive & IMRT <i>Sponsored by Varian Medical Systems</i>	Sponsored Session 7 Adaptive & IMRT <i>Sponsored by Accuray</i>	
10:50	Break	Break	
11:00	Sponsored Session 2 Novel Radiosensitization & Emerging Modalities <i>Sponsored by KORTUC JAPAN</i>	Sponsored Session 8 Adaptive & IMRT <i>Sponsored by Elekta</i>	
11:50	Break	Break	
12:00	Luncheon Seminar 1 Adaptive & IMRT <i>Sponsored by Hitachi High-Tech</i>	Luncheon Seminar 2 Bioabsorbable Spacer <i>Sponsored by Alfresa</i>	12:50–13:50 Poster Session 1 13:50–14:50 Poster Session 2 14:50–16:00 Poster Session 3 16:00–16:50 Poster Removal
12:40	Break	Break	
12:50	Sponsored Session 3 Image-Guided Interventions and Emerging Technologies <i>Sponsored by Boston Scientific</i>	Sponsored Session 9 Particle Therapy and Emerging Technologies <i>Sponsored by Alfresa</i>	
13:40	Break	Break	
13:50	Sponsored Session 4 Innovation in Radiation Oncology Devices and Technologies <i>Sponsored by Nihon Yamamura Glass</i>	Sponsored Session 10 Brachytherapy <i>Sponsored by Chiyoda Technol</i>	
14:40	Break	Break	
14:50	Sponsored Session 5 BNCT: Present and Future <i>Sponsored by CICS</i>	Sponsored Session 11 Treatment Planning: Improving planning quality <i>Sponsored by Toyo Medic</i>	
15:40	Break	Break	
15:50	Oral Session 2	Under 40 Session	
16:50	Closing Remarks		

Program

Room A: Topaz

9:00–9:30

Opening Session

Moderators

Yasushi Nagata

Chugoku-Rosai Hospital, Japan

Hsing-Lung Chao

Taipei Municipal Wanfang Hospital, Taiwan

Speakers

Ryohei Sasaki

*President of The 11th Japan–Taiwan Radiation Oncology Symposium
Kobe University, Japan*

JASTRO Opening Remarks

Takashi Uno

*President, Japanese Society for Radiation Oncology (JASTRO)
Chiba University, Japan*

Present and Future Directions of JASTRO

Hsing-Lung Chao

*President, Taiwan Society for Therapeutic Radiology and Oncology (TASTRO)
Taipei Municipal Wanfang Hospital, Taiwan*

TASTRO Opening Remarks

Yasushi Nagata

*Former Chair, JASTRO International Committee
Chugoku-Rosai Hospital, Japan*

Results of the FARO Structural Survey 2025

9:30–9:50

Oral Session 1

Moderators

Hiroshi Doi

Wakayama Medical University, Japan

Joseph T. Chang

Linkou Chang Gung Memorial Hospital, Taiwan

Presentation Time: 5 minutes + 2 minutes Discussion

O1-01 Maria Kojima

Department of Radiology, Wakayama Medical University, Wakayama, Japan

Eligibility for the ADRIATIC Trial in Patients with Limited-Disease Small Cell Lung Cancer Receiving Definitive Chemoradiotherapy

O1-02 Yu-Chan Lu

Department of Radiation Oncology, Chung Shan Medical University Hospital, Taichung, Taiwan

A Simple and Reproducible Abdominal Fixation Method Improves LED Signal Stability in Radixact Synchrony for SBRT

01-03 Shuichi Ozawa

Hiroshima University, Hiroshima, Japan

Real-Time Micro-Ionization-Chamber Dosimetry for Ultra-High-Dose-Rate Synchrotron X-ray
Scanning Irradiation: Comparison with Alanine and Film

10:00–10:50

Sponsored Session 1

Adaptive Radiotherapy and IMRT: Current Practice and Future Perspectives

Sponsored by Varian Medical Systems

Moderators

Hiroshi Onishi

Yamanashi University, Japan

Ji-An Liang

China Medical University Hospital, Taiwan

Speakers

Katsuyuki Shirai

Jichi Medical University Hospital, Japan

Advancements in CBCT-Guided Adaptive Radiotherapy Using ETHOS Therapy HyperSight

Yu-Wei Lin

Kaohsiung Veterans General Hospital, Taiwan

Initial KSVGH Experience with VMAT-LRT for Bulky HCC

11:00–11:50

Sponsored Session 2

Novel Radiosensitization and Emerging Radiation Therapies

Sponsored by KORTUC JAPAN

Moderators

Ryohei Sasaki

Kobe University, Japan

Yi-Wei Chen

Taipei Veterans General Hospital, Taiwan

Speakers

Yasuhiro Ogawa

Kochi University, Japan

Development of New Radiosensitizer KORTUC for Intratumoral Injection for Various Types of Solid Cancers

Ping-Hsiu Wu

Taipei Medical University Hospital, Taiwan

Gold Nanodandelion Nanozymes to Overcome Glioblastoma Radioresistance via ROS-Mediated Radiosensitization

12:00–12:40

Luncheon Seminar 1

Sponsored by Hitachi High-Tech

Moderators

Yuji Murakami

Hiroshima University, Japan

Bing-Shen Huang

Linkou Chang Gung Memorial Hospital, Taiwan

Speaker

Takashi Mizowaki

Kyoto University, Japan

Overview and Features of OXRAY: A Japan-made Image-Guided Radiotherapy System

12:50–13:40

Sponsored Session 3

Image-Guided Interventions and Emerging Technologies

Sponsored by Boston Scientific

Moderators

Takeaki Ishihara

Kobe University, Japan

Jo-Ting Tsai

Taipei Medical University-Shuang Ho Hospital, Taiwan

Speakers

Hiromitsu Iwata

Nagoya Proton Therapy Center, Nagoya City University West Medical Center, Japan

Optimizing proton therapy for prostate cancer with SpaceOAR: Insights from over 3,000 SpaceOAR® procedures

Hsin-Lun Lee

Taipei Medical University Hospital, Taiwan

****Title TBA****

13:50–14:40

Sponsored Session 4

Innovation in Radiation Oncology Devices and Technologies

Sponsored by Nihon Yamamura Glass

Moderators

Takeshi Kodaira

Aich Cancer Center, Japan

Cheng-Ying Shiau

Taipei Veterans General Hospital, Taiwan

Speakers

Naritoshi Mukumoto

Kobe University, Japan

Development of a Novel Immobilization Device for Head and Neck Radiotherapy Using 3D Milling Technology

Yu-Ming Wang

Kaohsiung Chang Gung Memorial Hospital, Taiwan

Real-World Evidence on IMPT for Nasopharyngeal Carcinoma-Outcomes, Toxicities, and Technic Review

14:50–15:40

Sponsored Session 5

Boron Neutron Capture Therapy: Current Status and Future Perspectives

Sponsored by CICS

Moderators

Keiji Nihei

Osaka Medical and Pharmaceutical University Hospital, Japan

Jeng-Fong Chiou

Taipei Medical University Hospital, Taiwan

Speakers

Hiroshi Igaki

National Cancer Center Hospital, Japan

Toward the close and long-lasting relationship between Taiwan and Japan for BNCT — collaborative framework in both clinical practice and multicenter clinical trials

Yi-Wei Chen

Taipei Veterans General Hospital, Taiwan

****Title TBA****

15:50–16:50

Oral Session 2

Moderators

Taiju Shimbo

Osaka Medical and Pharmaceutical University Hospital, Japan

Yu-Ming Wang

Kaohsiung Chang Gung Memorial Hospital

Presentation Time: 5 minutes + 2 minutes Discussion

O2-01 Rintaro Yamashita

Hamamatsu University School of Medicine, Japan

Radiotherapy for Local Control in Nonoperative Rectal Cancer: A Single-Institutional Retrospective Study

O2-02 Eng-Yen Huang

Kaohsiung Chang Gung Memorial Hospital, Chang Gung University College of Medicine, Taiwan

Clinical outcomes of proton beam therapy using pencil beam scanning for patients with newly diagnosed rectal cancer

O2-03 Shiro Obata

Nagasaki Prefecture Shimabara Hospital, Japan

Clinical Integration of KORTUC With Modern Radiotherapy: Experience From 371 Cases

O2-04 Ting-Chun Lin

China Medical University Hospital, Taiwan

Quality of Life Across Fractionation Schemes in Adjuvant Breast Radiotherapy: An EORTC QLQ-BR23 Analysis in a Taiwanese Cohort

O2-05 Hiroshi Doi

Wakayama Medical University, Japan

Evaluation of pirfenidone as a novel radioprotectant for radiation-induced intestinal injury

O2-06 Eng-Yen Huang

Kaohsiung Chang Gung Memorial Hospital, Taiwan

Dosimetric Correlation of Radiation-Induced Chronic Kidney Disease (CKD): A Competing Risks Analysis

O2-07 Takaaki Nakashima

National Kyushu Cancer Center, Japan

Symptom Palliation with QUAD Shot Radiotherapy for a Recurrent Thigh Lesion from Testicular Teratoma with Malignant Transformation: A Case Report

O2-08 Jeng-You Wu

Wan Fang Hospital, Taipei Medical University, Taiwan

Pilocarpine Exposure During Radiotherapy and Overall Survival in Head and Neck Cancer: A RealWorld Propensity-Score-Matched Analysis

Room B: Diamond

9:00–9:50

Sponsored Session 6

Advanced Imaging for Precision Radiation Oncology

Sponsored by Siemens

Moderators

Katsumasa Nakamura

Hamamatsu University School of Medicine, Japan

Kun-San Chao

China Medical University Hospital, Taiwan

Speakers

Terumasa Takemaru

Siemens Healthcare Pte. Ltd. Singapore

Next-Generation Imaging for Radiation Therapy: Advances in MRI and the Potential of Photon-Counting CT

Yueh-Chun Lee

Chung Shan Medical University Hospital, Taiwan

Advanced Imaging for Precision Radiation Oncology

10:00–10:50

Sponsored Session 7

Advanced IMRT: Clinical Applications and Treatment Planning

Sponsored by Accuray

Moderators

Mariko Kawamura

Nagoya University, Japan

Meng-Hao Wu

MacKay Memorial Hospital, Taiwan

Speakers

Etsuyo Ogo

Kurume University, Japan

Efficacy and adverse events of intensity-modulated radiation therapy as postoperative radiation therapy for advanced breast cancer

Yu-Jen Wang

Fu Jen Catholic University Hospital, Taiwan

Adaptive IMRT in the Evidence Era

11:00–11:50

Sponsored Session 8

Adaptive Radiotherapy and IGRT: Expanding Clinical Applications

Sponsored by Elekta

Moderators

Takayuki Hashimoto

Hokkaido University, Japan

Hsing-Lung Chao

Taipei Municipal Wanfang Hospital, Taiwan

Speakers

Takashi Uno

Chiba University, Japan

Online Adaptive Radiation Therapy with 1.5-T MR-Linac: Experience from Chiba University

Wen-Yen Huang

Tri-Service General Hospital, Taiwan

Advancing Personalized Radiotherapy in Taiwan: From MR-Guided Online Adaptation to Next-Generation CT-Linac Workflows

12:00–12:40

Luncheon Seminar 2

Sponsored by Alfresa

Moderators

Yusuke Demizu

Kobe Proton Center, Hyogo Ion Beam Medical Center, Japan

Eng-Yen Huang

Kaohsiung Chang Gung Memorial Hospital, Taiwan

Speaker

Takumi Fukumoto

Kobe University, Japan

****Title TBA****

12:50–13:40

Sponsored Session 9

Particle Therapy and Emerging Technologies

Sponsored by Alfresa

Moderators

Yoshiyuki Shioyama

Ion Beam Therapy Center, SAGA HIMAT Foundation, Japan

Wen-Yen Huang

Tri-Service General Hospital, Taiwan

Speakers

Hitoshi Ishikawa

QST Hospital, National Institutes for Quantum Science and Technology, Japan

Recent advance in carbon-ion therapy in Japan

Tien Li Lan

Taichung Veterans General Hospital, Taiwan

An Integrated Ecosystem for Precision Radiotherapy: CyBeam Proton Therapy, Spectral CT, and MR-Guided Radiation Therapy

13:50–14:40

Sponsored Session 10

Modern Brachytherapy: Techniques and Clinical Advances

Sponsored by Chiyoda Technol

Moderators

Yasuo Ejima

Dokkyo Medical University, Japan

Hai-Wen Chen

National Cheng Kung University Hospital, Taiwan

Speakers

Kenji Yoshida

Tottori University Hospital, Japan

Essentials of MRI-based image guided brachytherapy for locally advanced cervical cancer

Hsing-Lung Chao

Taipei Municipal Wanfang Hospital, Taiwan

From Endocurietherapy to Image-Guided Adaptive Brachytherapy

14:50–15:40

Sponsored Session 11

Treatment Planning: Improving planning quality

Sponsored by Toyo Medic

Moderators

Haruka Uezomo

Fujita Health University Hospital, Japan

Tony Hsiang-Kuang Liang

National Taiwan University Hospital, Taiwan

Speakers

Tomohisa Furuya

Sun Nuclear, Mirion Medical Company, USA

From Verification to Monitoring: Advancing Radiotherapy QA with In-vivo Dosimetry

Shin Zu Yang

Sun Nuclear, Mirion Medical Company, USA

From Verification to Monitoring: Advancing Radiotherapy QA with In-Vivo Dosimetry

15:50–16:50

Under 40 Session

Moderators

Yukihisa Tamaki

Shimane University Hospital, Japan

Hsin-Lun Lee

Taipei Medical University Hospital, Taiwan

Speakers

Natsuko Nagano

Shimane University Hospital, Japan

Navigating Career and Work-Life Balance: Perspectives from a Japanese Radiation Oncologist

Yuki Wada

Akita University Hospital, Japan

Career Pathways for Radiation Oncologists in Japan: Current Landscape, Challenges, and Future Perspectives

Tien Li Lan

Taichung Veterans General Hospital, Taiwan

The Path to Becoming a Radiation Oncologist in Taiwan: Education, Training, and Career Development

Wen-Chi Yang

National Taiwan University Cancer Center, Taiwan

Between the Linac and the Living Room: Building a Career, a Family, and a Sustainable Self in Radiation Oncology

Room C: Ruby

12:50–13:50

Poster Session 1

Moderators

Yusaku Miyata

Kurume university School of Medicine, Japan

Yu-Wei Lin

Kaohsiung Veterans General Hospital, Taiwan

Presentation Time: 3 minutes + 2 minutes Discussion

P1-01 Yu-Chi Huang

National Cheng Kung University Hospital, Taiwan

Repeat Biopsy-Proven Histologic Transformation in Lung Cancer: Clinical Features and Prognostic Outcomes

P1-02 Nobuki Imano

Hiroshima University Hospital, Japan

Clinical Outcomes and Failure Patterns After Salvage Radiotherapy for Postoperative Regional Nodal Recurrence of Non-Small Cell Lung Cancer

P1-03 Masashi Endo

Jichi Medical University Hospital, Japan

Feasibility of involved-field radiotherapy for limited-stage small cell lung cancer: a multi-institutional retrospective study

P1-04 Masahiro Yoshida

Toho University Ohashi Medical Center, Japan

Clinical Outcomes of SBRT for Multiple Lung Oligometastases

P1-05 Yutaka Kitagawa

Tottori University Hospital, Japan

Treatment Outcomes of Stereotactic Body Radiation Therapy for Hepatocellular Carcinoma at Our Institution

P1-06 Yumi Oie

Nagoya University Graduate School of Medicine, Japan

Recurrence Patterns and Hepatic Reserve After Stereotactic Body Radiation Therapy for Hepatocellular Carcinoma

P1-07 Chiao Wen Wei

Taichung Veterans General Hospital, Taiwan

Efficacy of Salvage Radiotherapy for Recurrent Head and Neck Cancer Patients with Extranodal Extension

P1-08 Atsushi Ue

Shimane University Hospital, Japan

Alterations in the Oral Microbiota During Radiotherapy Are Associated with Oral Mucositis Severity in Head and Neck Cancer

P1-09 Huei-Fang Yang

Chung Shan Medical University Hospital, Taiwan

Effect of Water Rinse Temperature on Oral Mucositis During Radiotherapy for Head and Neck Cancer: A Randomized Controlled Trial

P1-10 Takuya Nagano

Kameda Medical Center, Japan

Proof-of-Concept Evaluation of Safety and Intra-Session Tongue Position Reproducibility Using a Patient-Specific Negative-Pressure Intraoral Spacer

P1-11 Ya-Yun Yu

China Medical University Hospital, Taiwan

Real-World Practice Patterns and Clinical Outcomes of Radiotherapy in Occult Breast Cancer: A Case Series from a Single Center

P1-12 Satoki Okada

Tottori University Hospital, Japan

Treatment Outcomes of Intensity-Modulated Radiation Therapy for Intermediate-Risk Prostate Cancer

13:50–14:50

Poster Session 2

Moderators

Satoshi Seno

Kobe University, Japan

Yueh-Chun Lee

Chung Shan Medical University Hospital, Taiwan

Presentation Time: 3 minutes + 2 minutes Discussion

P2-01 Hideyuki Harada

Shizuoka Cancer Center, Japan

Neoadjuvant stereotactic radiotherapy followed by surgical resection for brain metastases

P2-02 CHIH YING LIAO

China Medical University Hospital, Taiwan

Early Single-Institution Experience with Accelerator-Based Boron Neutron Capture Therapy (AB-BNCT) for Recurrent Head and Neck Cancer in Taiwan

P2-03 Shuhei Takahashi

Hokkaido University Hospital, Japan

Assessment of Prognostic Value and Predictive Model Development for Prolonged Lymphopenia in Patients with Glioblastoma Following Chemoradiotherapy

P2-04 Hatamei Takabayashi

Kobe University, Japan

Prognostic Significance of the Neutrophil-to-Lymphocyte Ratio During Definitive Radiotherapy for Cervical Cancer

P2-05 Satoshi Seno

Kobe University Graduate School of Medicine, Kobe, Japan

Reduced Coenzyme Q10 for Acute Intestinal Toxicity During Pelvic Radiotherapy: A Randomized Double-Blind Placebo-Controlled Study

P2-06 Yusaku Miyata

Kurume university School of Medicine, Japan

Efficacy and Safety of a Novel Hyaluronate Gel Spacer in Brachytherapy for Cervical Cancer: An Interim Analysis

P2-07 Mio Nakata

Osaka Medical and Pharmaceutical University Hospital, Japan

Experience of Definitive Radiotherapy Using KORTUC for Newly Diagnosed Locally Advanced Cervical Cancer

P2-08 Ayaka Kihara

Osaka Medical and Pharmaceutical University, Japan

Initial Treatment Outcomes of KORTUC-Combined TNT for Locally Advanced Low Rectal Cancer

P2-09 Tung, Lin

Chi-Mei Medical Center, Taiwan

Impact of Neoadjuvant Chemoradiation on Clinical Outcomes in Elderly Patients With Locally Advanced Rectal Cancer

P2-10 Yudai Yamamoto

Hiroshima University Hospital, Japan

Efficacy and Safety of Peptide Receptor Radionuclide Therapy for Advanced Neuroendocrine Tumors: A Single-Institution Experience

P2-11 Huei-Fang Yang

Chung Shan Medical University Hospital, Taiwan

Impact of an Intelligent Workflow Management and Patient Education System on Safety and Self-Care During Radiotherapy

P2-12 Hui-Chun Lu

Chung Shan Medical University Hospital, Taiwan

An Analysis of Long-Term Care Resource Utilization among Cancer Patients at a Medical Center in Taiwan

14:50–16:00

Poster Session 3

Moderators

Shuichi Ozawa

Hiroshima University, Japan

Jia Cheng Lee

Taipei Veterans General Hospital, Taiwan

Presentation Time: 3 minutes + 2 minutes Discussion

P3-01 Shigeo Takahashi

Kagawa University Hospital, Japan

Dosimetric Impact of Contralateral Hilar Irradiation in IMRT for Locally Advanced NSCLC: A Planning Study

P3-02 Yu-Chen Hsieh

Chung Shan Medical University Hospital, Taiwan

Development and Early Clinical Implementation of a Digital Quality Assurance Management Platform for Radiation Oncology Equipment

P3-03 Yuya Nagake

Fujita Health University Hospital, Japan

Log-Based Evaluation of Predictive Target Positioning Accuracy for Dynamic Tumor Tracking Irradiation in the O-Ring Linear Accelerator

P3-04 Yu-Wen Hu

Taipei Veterans General Hospital, Taiwan

Double-Poisson Microdosimetric Kinetic Model and Its Simplified Form for Predicting Cell Survival after Particle Irradiation

P3-05 Yuya Tatsuno

Kobe University Hospital, Japan

Uncertainty Estimation Using Monte Carlo Dropout for Automatic Segmentation Failure Detection in MR-Guided Adaptive Brachytherapy for Cervical Cancer

P3-06 Wan-Chin Yang

Taipei Veterans General Hospital, Taiwan

mMKM Parameter Fitting for TCP Prediction in Head and Neck Mucosal Melanoma under Proton and Carbon-Ion Radiotherapy

P3-07 Miyu Ishizawa

Yamagata University Graduate School of Medical Science, Japan

Radiomics-Based Assessment of Biochemical Recurrence Risk After Carbon Ion Radiotherapy in Intermediate- to Very-High-Risk Prostate Cancer

P3-08 Zong-Yan Yang

Taipei Medical University, Taiwan

Fitting mMKM and TCP Parameters Using NSCLC Clinical Data for Photon, Proton and Carbon Ion Radiotherapy

P3-09 Ai Nakaoka

National Cancer Center Hospital, Japan

Evaluation of Radiation-Induced HMGB1 Release from Cancer Cells

P3-10 Pei-Yi Lee

Fu Jen Catholic University Hospital, Taiwan

Breaking Language Barriers in Breast Radiotherapy: A Taiwan–Japan Bilingual AI Case Manager from a Radiation Therapist Perspective

P3-11 Ying-Hsiang Chou

Chung Shan Medical University, Taiwan

Implementation of an Institution-Wide Generative AI Platform (MedAssist Hub) for Radiation Oncology Documentation Workflow

P3-12 Kazumasa Sekihara

Hiroshima University, Japan

Carbon-Ion Radiotherapy Augments the Antitumor Efficacy of BRAF/MEK Inhibition Against Aggressive Anaplastic Thyroid Carcinoma In Vitro and In Vivo

P3-13 Siti Fazira Edzua binti Jamaludin

Pusat Kanser Tun Abdullah Ahmad Badawi, Universiti Sains Malaysia, Malaysia

Organ-Level Glucose Metabolism in Kratom Dependence: First Human Evidence from Whole-Body ¹⁸F-FDG PET/CT

P3-14 Hitomi Nojima

Graduate School of Medical and Dental Sciences, Institute of Science Tokyo, Japan

Heterogeneity in Alpha Particle Distribution and DNA Damage Responses in Alpha-DaRT Associated with the Tumor Microenvironment