

5th Japan-Taiwan Radiation Oncology Symposium

2017.5.20 (Sat)

PROGRAM

8 : 45~9 : 00 Opening Remark

Yasumasa Nishimura

*President of the 5th Japan-Taiwan
Radiation Oncology Symposium*

Clifford Chao

President of TASTRO

Katsuyuki Karasawa

Founder of Japan-Taiwan Radiation Oncology Symposium

9 : 00~9 : 15 Keynote Speech

Moderator: **Clifford Chao**

Naoyuki Shigematsu President of JASTRO

Keio University, School of Medicine, Department of Radiology

Future Development of JASTRO

9 : 20~09 : 56 Session1:

Gynecology and Genitourinary System

Moderator: Takashi Mizowaki & Meng-hao Wu

G1

Meng-Hao Wu

*Department of Radiation Oncology, MacKay Memorial Hospital,
Taipei, Taiwan*

Prophylactic lower para-aortic irradiation mitigates the para-aortic recurrence in locally advanced cervical cancer

G2

Hsin-Lin Chen

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

Quantitative Measures of Visceral and Subcutaneous Adiposity in Predicting Outcomes of Stage I~III Cervical Cancer

G3

Shang-Wen Chen

*Department of Radiation Oncology, China Medical University
Hospital, Taichung, Taiwan*

Textural features of cervical cancers on 18F fluorodeoxyglucose positron emission tomography computed tomography associate with survival and local relapse in patients treated with definitive chemo radiotherapy

G4

Takashi Mizowaki

*Department of Radiation Oncology and Image-applied Therapy,
Kyoto University*

Is long-term adjuvant hormonal therapy indispensable
for Asian patients with high-risk prostate cancer
treated with high-dose intensity modulated radiation
therapy?

9 : 56~10 : 10 Coffee Break

10 : 10~11 : 05 Session2:

Lung and Breast

Moderator: Yuta Shibamoto & Wu, Ching-Jung

G5

Koichiro Nakajima

*Department of Radiation Oncology, Nagoya Proton Therapy
Center, Nagoya City West Medical Center, Nagoya*

Clinical Experiences with Image-guided Proton Therapy
(IGPT) for Stage I Non-small Cell Lung Cancer (NSCLC)

G6

Helen Chen

*Departments of Radiation Oncology, National Cheng Kung
University Hospital*

Relationship and Prognostic Values of Glucose
Metabolism Markers on Dual-Phase FDG PET in Non-
Small-Cell Lung Cancer

- G7 Takafumi Komiyama**
University of Yamanashi
The results of dose escalated stereotactic body radiation therapy for stage IA non-small cell lung cancer
- G8 Chin Kuo**
Departments of Radiation Oncology, National Cheng Kung University Hospital
During and After Radiotherapy Volumetric Metabolic Parameter changes on FDG PET/CT in Stage III Non-Small Cell Lung Cancer
- G9 Kayoko Ohnishi**
Department of Radiation Oncology, University of Tsukuba Hospital
High-dose (74 GyE) Proton Beam Therapy with Concurrent Chemotherapy for Stage III Non-small Cell Lung Cancer
- G10 Jie Lee**
Department of Radiation Oncology, MacKay Memorial Hospital, Taipei, Taiwan
Delineation for the Left Anterior Descending Coronary Artery Region in Left Breast Cancer Radiotherapy

11 : 05~11 : 50 Session3:

Liver

Moderator: Hideyuki Sakurai & Helen H.W. Chen

G11

Shingo Hashimoto

Department of Radiation Oncology, Nagoya Proton Therapy Center

Clinical outcome of Proton Beam Therapy for Hepatocellular Carcinoma with Portal Vein or Inferior Vena Cava Tumor Thrombosis

G12

Yuta Sekino

Tsukuba University

Proton beam therapy for previously untreated solitary hepatocellular carcinoma of 5cm or less

G13

Hsin-Lun Lee

Department of Radiation Oncology, Taipei Medical University Hospital, Taipei Medical University

A Multicenter Retrospective Analysis for Patients with Advanced Hepatocellular Carcinoma Received Stereotactic Ablative Radiotherapy in Taiwan

G14

Ming-Yueh Liu

Department of Radiation Oncology, Tri-Service General Hospital, National Defense Medical Center, Taiwan

Comparison between Child-Turcotte-Pugh and albumin-bilirubin scores in assessing the prognosis of hepatocellular carcinoma after stereotactic ablative radiotherapy

G15

Yusuke Iizuka

Kyoto University

Clinical result of dynamic tumor-tracking stereotactic body radiotherapy with real-time monitoring for liver tumors using a gimbal mounted linac

12 : 05~12 : 45 Luncheon Seminar

Moderator: Yasumasa Nishimura

Feng-Ming Hsu

Department of Oncology, National Taiwan University Hospital

Stereotactic Ablative Radiotherapy for Oligometastatic or Oligoprogressive Disease with TrueBeam

13 : 00~13 : 15 Presidential Lecture

Moderator: Masahiro Hiraoka

Yasumasa Nishimura

Department of Radiation Oncology, Kindai University Faculty of Medicine

No pain, No gain

13 : 15~14 : 45 Symposium

Moderator: Hiroshi Onishi & Ji-Hong Hong

- S1 Katsuyuki Karasawa**
*Dept. of Radiology, Tokyo Metro. Cancer and Infectious diseases
Center Komagome Hospital*
Pain and gain of high precision radiation therapy
Intensity-modulated radiation therapy
- S2 Pei-Wei Shueng**
Far Eastern Memorial Hospital
Arc-based IMRT of head and neck cancer in Taiwan
- S3 Hiroshi Onishi**
Department of Radiology; University of Yamanashi
Pain and gain of stereotactic body radiation therapy
(SBRT)
- S4 Hsing Lung Chao**
Tri-Service General Hospital
Experience of Stereotactic Ablative Radiotherapy
(SABR) for HCC Patients in Tri-Service General Hospital
- S5 Hiroki Shirato**
*Department of Radiation Medicine, Hokkaido University Faculty
of Medicine*
Painful years for particle beam therapists resulted in a
little hope : Japanese experience

- S6** **Ji-Hong Hong**
Chang Gung Memorial Hospital at Linkou
Proton therapy in cancer treatment: initial experiences
from Chang Gung Memorial Hospital

14 : 45~15 : 35 Coffee Break and Poster Session

Poster 1 Esophagus, Lung, Breast

Moderator: Toru Shibata

- P1** **Wing-Keen Yap**
Chang Gung Memorial Hospital-Linkou Center
Predictive Value of Nodal SUVmax of Pretreatment
FDG-PET Imaging in Patients with Esophageal Cancer
- P2** **Makoto Ito**
Aichi Cancer Center Hospital
Examination of the planning technique using Helical
tomotherapy aiming at lung dose reduction for cervical
esophageal carcinoma
- P3** **Kuan-Heng Lin**
*Department of Biomedical Imaging and Radiological Sciences,
National Yang-Ming University, Taipei, Taiwan*
Semi-Automatic Iterative Method to Optimize the
Complete Block in Helical Tomotherapy for Esophageal
Cancer: A Phantom Study

- P4 Takamasa Mitsuyoshi**
*Department of Radiation Oncology and Image-applied Therapy,
Kyoto University Graduate School of Medicine*
Clinical outcome of dynamic tumor-tracking
stereotactic body radiotherapy for early stage lung
cancer and oligometastatic lung tumors using a gimbal-
mounted linear accelerator
- P5 Shigeo Takahashi**
Department of Radiation Oncology, Kagawa University Hospital
Dosimetric comparison between anisotropic analytical
algorithm and Acuros XB in stereotactic body
radiotherapy for lung tumors
- P6 Haruka Uezono**
Kobe Minimally Invasive Cancer Center
Salvage Re-Irradiation for Locally Recurrent Lung
Tumors with Stereotactic Body Radiation Therapy:
Feasibility and Prognostic Factors
- P7 Yueh-Chun Lee**
*Department of Radiation Oncology, Chung Shan Medical
University Hospital, Taichung, Taiwan*
The involvement of tribbles homolog 3 in
radioresistance of breast cancer cells
- P8 Sawa Kono**
Tokyo Women's Medical University, Tokyo, Japan
A study on safety and efficacy of hypofractionated
radiotherapy for conserving breast

Poster 2 Liver, Gynecology and Genitourinary System, Physics

Moderator: Minoru Suzuki

- P9** **Jen-Fu Yang**
*Department of Radiation Oncology, Tri-Service General Hospital,
National Defense Medical Center, Taipei, Taiwan.*
Comparison of Stereotactic Ablative Radiotherapy with
Conventionally-fractionated Radiotherapy for
Hepatocellular Carcinoma with Portal Vein Tumor
Thrombosis
- P10** **Hiroshi Doi**
Department of Radiation Oncology, Meiwa Cancer Clinic
Clinical implications of a novel iron-containing fiducial
marker in radiotherapy for liver tumors: A report of
initial experiences
- P11** **Yu-Cheng Kuo**
*Department of Radiation Oncology, Show Chwan Memorial
Hospital*
In vitro assessment of inhibitory effect of isosteviol
derivative on radiation-induced hepatitis B virus
reactivation in liver cancer cells
- P12** **Masaki Matsuda**
Department of Radiology, University of Yamanashi
Stereotactic body radiation therapy using Cyberknife
for patients with hepatocellular carcinoma

- P13** **Chi-Shuo Lin**
Taipei Veterans General Hospital
**Preliminary Outcome and Toxicity of Definitive
Radiation Therapy in Clinically Node-positive Prostate
Cancer**
- P14** **Kenji Yoshida**
*Division of Radiation oncology, Kobe University Graduate School
of Medicine*
**Comparison of dosimetric parameters in the treatment
plannings of magnetic resonance imaging based
intracavitary image guided adaptive brachytherapy with
and without optimization**
- P15** **Yu-Mei Kang**
*Division of Radiation Oncology, Department of Oncology, Taipei
Veterans General Hospital*
**Dose radiotherapy increase the risk of pelvic fracture in
rectal cancer patients?**
- P16** **Kota Abe**
Tohoku University Graduate School of Medicine
**Development of novel anthropomorphic head and neck
phantom using 3D printer for IMRT patient specific
quality assurance**

15 : 35~16 : 30 Session4:

Head and Neck, CNS

Moderator: Takeshi Kodaira & Sang-Hue Yen

G16

Chiyoko Makita

Department of Radiation Oncology, Aichi Cancer Center Hospital

Comparison of clinical outcomes of different radiation strategies in postoperative radiotherapy for patients with head and neck squamous cell carcinoma: a propensity-score matched analysis

G17

Kazuki Ishikawa

Department of Radiation Oncology, Kindai University Faculty of Medicine

Anatomical and Dosimetric Changes during IMRT for Oropharyngeal Cancer (OPC) detected by weekly Cone-beam CT (CBCT) with deformable image registration (DIR)

G18

Wan-Chin Yang

Division of Radiology Oncology, Department of Oncology, Taipei Veterans General Hospital

Treatment outcomes of radiation therapy for pediatric central nervous system atypical teratoid/rhabdoid tumor

G19

Minoru Suzuki

Research Reactor Institute, Kyoto University Hospital, Taipei Medical University

Treatment planning study on boron neutron capture therapy for multiple brain metastases

G20 **Hsiang-Kuang Tony Liang**
Institute of Biomedical Engineering, National Taiwan University
**Adverse Prognosis and Distinct Progression Patterns
After Concurrent Chemoradiotherapy for Glioblastoma
With Synchronous Subventricular Zone and Corpus
Callosum Invasion**

G21 **Yusuke Demizu**
Department of Radiology, Hyogo Ion Beam Medical Center
**Proton beam therapy for bone sarcomas of the skull
base and spine: a retrospective nationwide multicenter
study in Japan**

16 : 30~17 : 25 Session5:
Physics and Others

Moderator: Sasaki Ryouhei & Yu-Ming Liu

G22 **Ryohei Sasaki**
*Division of Radiation Oncology, Kobe University Graduate School
of Medicine*
**Novel method for radioprotection by functional food:
a preclinical study**

G23 **Huei-Fang Yang**
*Department of Nursing, Chung Shan Medical University Hospital,
Taichung, Taiwan*
**Demographic analysis of unscheduled delayed radiation
therapy**

- G24** **Yoshiro Ieko**
Tohoku University Graduate School of Medicine
Impact of novel functional image-based treatment
planning for proton therapy
- G25** **Chen-Xiong Hsu**
*Department of Radiation Oncology, Far Eastern Memorial
Hospital, New Taipei City, Taiwan*
Helical Tomotherapy Using Novel Fan-Shaped Complete
Block for Esophageal Cancer Patients Provides
Remarkable Reductions of Radiation Dose to Lungs and
Heart
- G26** **Taro Murai**
*Nagoya City University Graduate School of Medical Sciences,
Department of Radiology*
Lung density changes after proton therapy for lung
tumors: Can photon dose constraints be applied to
proton therapy?
- G27** **Kazushi Kishi**
*Dept. Radiation Oncology, Sapporo High Functioning Radiation
Therapy Center, Hokkaido Ono Memorial Hosp.*
Interventional approach in high precision radiation
therapy

17 : 25~17 : 40 Closing Remarks and Photograph

Kiyoshi Nakamatsu

Conference Secretariat

Next president from Taiwan

Next-next president from Japan