



Innovation in education to close the gap in radiation oncology world-wide

Tomoaki Tamaki, MD, PhD. & Takashi Nakano, MD, PhD.

Fukushima Medical University, Fukushima, Japan



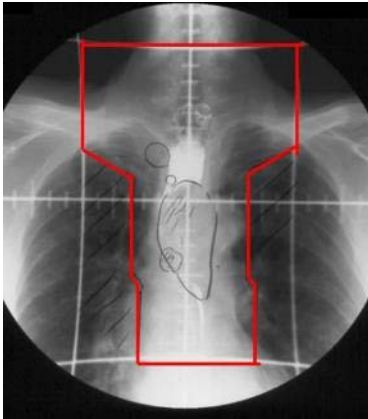
2022

Classic educational institutions

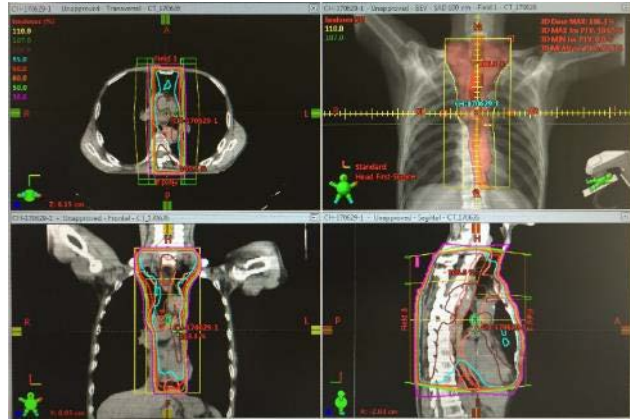
- Existing Universities
 - Based on Academia/Education
 - Granting Academic Degrees
 - Sometimes Certifying Bodies
-
- Needs to be supplemented by practical / hands-on training



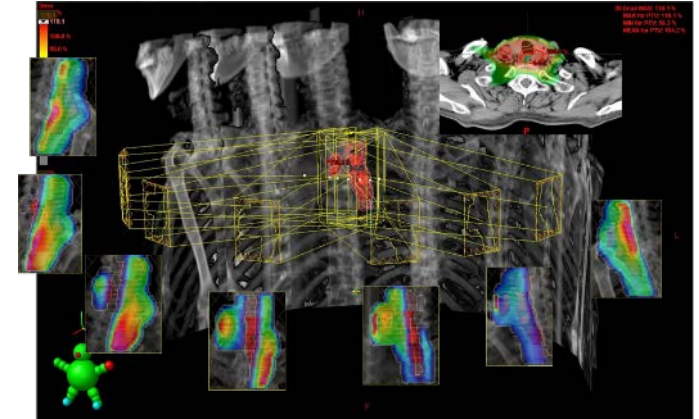
Innovation (Advance) in Radiation Therapy



2D Planning
(X-ray photo)



3D Planning
(CT scans)



IMRT
(Computer-optimized planning)

2000's RCA Projects in Radiation Oncology



2002 RAS6035 Cervical Cancer RTC



2005 RAS6040 Lung Cancer RTC



Didactic Lectures



Sight Visits

2010's RCA Projects in Radiation Oncology



2017 RAS6072 Intensity Modulated Radiation Therapy (IMRT) RTC



Hands-



Procedural Demons



Radiation Oncologist/Medical Physicist teams, Case Discussions

2015 - FARO: Federation of Asian Organizations for Radiation Oncology



Together, we improve radiotherapy in Asia!!
Education, Research, Professional Network, Leadership!!

Monthly FARO Webinar

1st FARO Webinar
RADIATION ONCOLOGY SERVICES IN ASIA
14th-15th JANUARY 2021

1st FARO Webinar

2nd FARO Webinar

The 3rd FARO Webinar
HYPOFRACTIONATED RADIOTHERAPY IN HEAD AND NECK CANCER
SATURDAY, 16th JANUARY 2021

INTRODUCTION
Shyam Sankaranarayanan (India)

SPEAKER
Kenneth Hu (USA)

PANELIST
Thirushi Padmanabhan (Japan)

MODERATOR
Thirushi Padmanabhan (Japan)

TIME
14:00-15:00 (GMT+8)

REGISTRATION LINK
<https://bit.ly/3KXND0M15>

The 4th FARO Webinar
Research and application of artificial intelligence and big data in nasopharyngeal carcinoma
22nd-24th JAN 2021 (9:00-12:00 (GMT+8))

CONTENTS AND OFFICERS

MODERATOR
Dr. Yoon Seung (South Korea)

PANELISTS
Dr. Yoon Seung (South Korea)

TIME
9:00-12:00 (GMT+8)

REGISTRATION LINK
<https://bit.ly/3KXND0M15>

The 6th FARO Webinar
RECENT ADVANCES IN RADIOTHERAPY OF BREAST CANCER: HYPOFRACTIONATION AND IMRT
THURSDAY, MAY 27th 2021

OFFICERS
Dr. Yoon Seung (South Korea)

MODERATOR
Dr. Yoon Seung (South Korea)

PANELISTS
Dr. Yoon Seung (South Korea)

TIME
14:00-15:00 (GMT+8)

REGISTRATION LINK
<https://bit.ly/3KXND0M15>

THE 7th FARO Webinar
ORGAN PRESERVATION WITH RADICAL RADIATION THERAPY IN MUSCLE INVASIVE BLADDER CANCER: RECENT ADVANCES AND FUTURE PROSPECTS
TUESDAY, 22 JUNE 2021

SPEAKER
Dr. Yoon Seung (South Korea)

MODERATOR
Dr. Yoon Seung (South Korea)

PANELISTS
Dr. Yoon Seung (South Korea)

TIME
14:00-15:00 (GMT+8)

REGISTRATION LINK
<https://bit.ly/3KXND0M15>

THE 8th FARO Webinar
VALUE-BASED MEDICINE IN RADIOTHERAPY
FRIDAY, JULY 30th 2021

SPEAKER
Dr. Yoon Seung (South Korea)

MODERATOR
Dr. Yoon Seung (South Korea)

PANELISTS
Dr. Yoon Seung (South Korea)

TIME
14:00-15:00 (GMT+8)

REGISTRATION LINK
<https://bit.ly/3KXND0M15>

9th FARO Webinar
PEDIATRICS PROTON THERAPY AND FERTILITY PRESERVATION
TUESDAY, AUG. 24th 2021

SPEAKER
Dr. Yoon Seung (South Korea)

MODERATOR
Dr. Yoon Seung (South Korea)

PANELISTS
Dr. Yoon Seung (South Korea)

TIME
14:00-15:00 (GMT+8)

REGISTRATION LINK
<https://bit.ly/3KXND0M15>

10th FARO Webinar
"PEARLS AND PITFALLS OF BREAST CANCER CONTOURING"
SATURDAY, SEPT 25th 2021

SPEAKER
Dr. Yoon Seung (South Korea)

MODERATOR
Dr. Yoon Seung (South Korea)

PANELISTS
Dr. Yoon Seung (South Korea)

TIME
14:00-15:00 (GMT+8)

REGISTRATION LINK
<https://bit.ly/3KXND0M15>

11th FARO Webinar
STEREOTACTIC BODY RADIATION THERAPY IN OLIGOMETASTASES
SATURDAY, NOVEMBER 13th 2021

SPEAKER
Dr. Yoon Seung (South Korea)

MODERATOR
Dr. Yoon Seung (South Korea)

PANELISTS
Dr. Yoon Seung (South Korea)

TIME
14:00-15:00 (GMT+8)

REGISTRATION LINK
<https://bit.ly/3KXND0M15>

THE 12th FARO Webinar
STEREOTACTIC BODY RADIATION THERAPY IN PRIMARY LIVER CANCER
FRIDAY, DECEMBER 3rd 2021

SPEAKER
Dr. Yoon Seung (South Korea)

MODERATOR
Dr. Yoon Seung (South Korea)

PANELISTS
Dr. Yoon Seung (South Korea)

TIME
14:00-15:00 (GMT+8)

REGISTRATION LINK
<https://bit.ly/3KXND0M15>

THE 13th FARO Webinar
TOTAL BODY IRRADIATION FOR BONE MARROW TRANSPLANTATION IN AN INITIAL KANGAROO EXPERIENCE
THURSDAY, MARCH 31st 2022

SPEAKER
Dr. Yoon Seung (South Korea)

MODERATOR
Dr. Yoon Seung (South Korea)

PANELISTS
Dr. Yoon Seung (South Korea)

TIME
14:00-15:00 (GMT+8)

REGISTRATION LINK
<https://bit.ly/3KXND0M15>

THE 14th FARO Webinar
CARDIAC HEALTH & BREAST CANCER RADIOTHERAPY
FRIDAY, MAY 20th 2022

SPEAKER
Dr. Yoon Seung (South Korea)

MODERATOR
Dr. Yoon Seung (South Korea)

PANELISTS
Dr. Yoon Seung (South Korea)

TIME
14:00-15:00 (GMT+8)

REGISTRATION LINK
<https://bit.ly/3KXND0M15>

THE 15th FARO Webinar
OPTIMIZING RADIOTHERAPY FOR ATYPICAL MENINGEOMAS
FRIDAY, 24 JUNE 2022 at 17:30 (KST)

SPEAKER
Dr. Yoon Seung (South Korea)

MODERATOR
Dr. Yoon Seung (South Korea)

PANELISTS
Dr. Yoon Seung (South Korea)

TIME
17:30-18:30 (KST)

REGISTRATION LINK
<https://bit.ly/3KXND0M15>

THE 17 FARO Webinar
DRUG-COMBINED RADIOTHERAPY: CHANGES AND PROSPECTS
TUESDAY, 30 AUGUST 2022

SPEAKER
Dr. Yoon Seung (South Korea)

MODERATOR
Dr. Yoon Seung (South Korea)

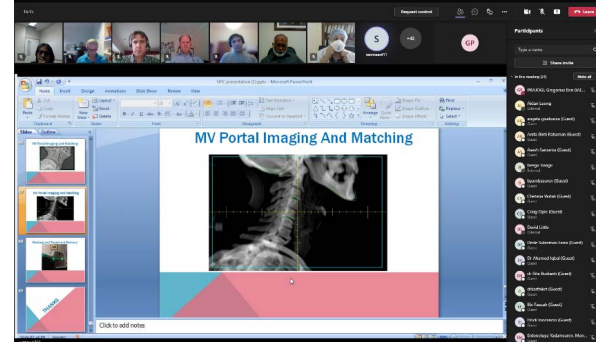
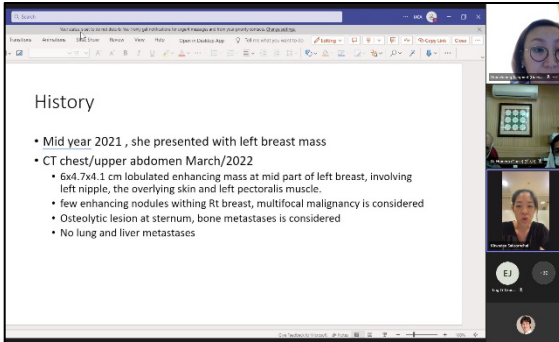
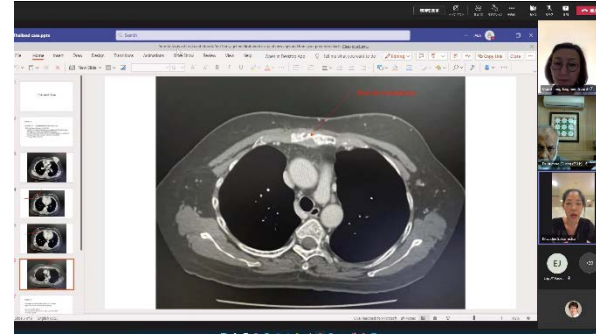
PANELISTS
Dr. Yoon Seung (South Korea)

TIME
14:00-15:00 (GMT+8)

REGISTRATION LINK
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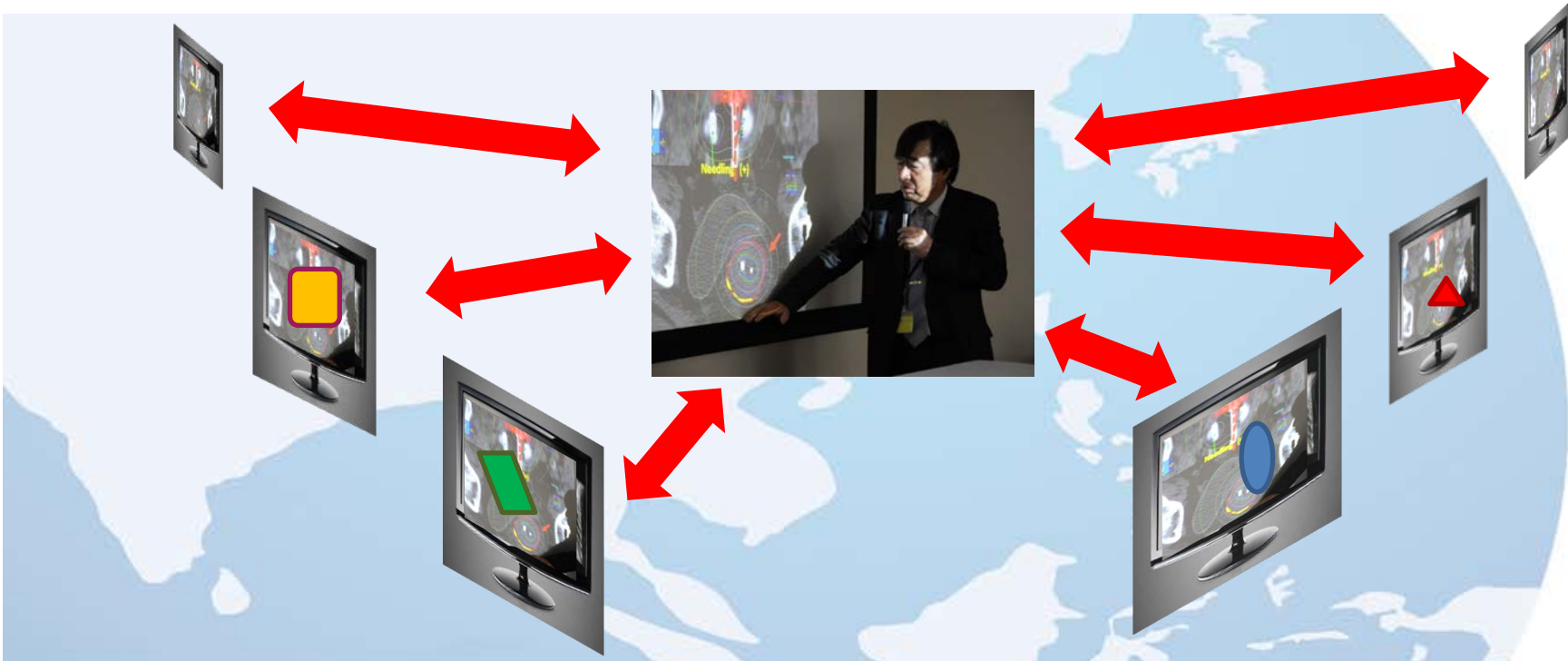
Informative Lectures and Discussions by Experts every month

Virtual Tumor Board (Specialist Conference)



2021 RAS6096 Monthly Virtual Tumor Boards
Case Discussion by Expert Specialists, Education Lectures

Online Radiotherapy Treatment Planning System in RCA



Informative, Cost-effective, & Practical Regional Training System in RCA

Summary

- Interactive, Informative, Cost-effective & Practical Regional Training in RCA Radiation Oncology using online RTP system
- Regular online conference/consultation system based on strong network of regional experts & societies