

Summary report of RAS6086

Reported by LCC : Takashi Nakano, MD, PhD

Project Title: “Strengthening cancer management programmes in RCA Government Parties through collaboration with Asia Pacific National/Regional Radiation Oncology Societies”

Project Duration: 4 years (2018-21)

Field of Activity: 26. Radiation oncology in cancer management

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Objectives: [**Primary**] To provide education and training on clinical aspects of radiation therapy for radiation oncology professionals and improve the clinical management of common cancers in the RCA region. [**Secondary**] To strengthen or establish the national radiation oncology societies (ROSs) within the RCA Governmental Parties (GPs) through the educational and training activities of this project and further strengthen their regional collaboration through frameworks such as FARO.

The status, [already done activities by 2019]

○ Kick-off Project Coordination Meeting (May 14-18, 2018) in Maebashi, Japan by Gunma University by Prof. T. Nakano with support of JASTRO.

○ The 1st RTC (September 4-8, 2018; on Image Guided Brachytherapy) held in Bali, Indonesia, by Prof. S. Gondhowiardjo with the support of IROS with 32 participants/16 GPs in collaboration with 3rd FARO Meeting.

Progress, [accomplished activities in 2019]

○ The 2nd RTC (November 12-16, 2019; on radiotherapy for head and neck cancers) was successfully held in Shenzhen, China by Prof. Junlin YI supported by CSTRO with 32 participants/16 GPs in conjunction with 4th FARO Meeting.

○ The Mid-term Review Meeting (December 2-6, 2019) was successfully held at National Institute of Radiological Sciences (Chiba, Japan) by Prof. T. Nakano with 26 participants from 18 GPs and IAEA. The Meeting had successfully reviewed and outlined the activities of the project.

Achievements in 2019

○ National training courses were held following the RTCs of the project in 10 GPs with more than 1600 participants.

○ A advanced RT-TPS for training of ROs was donated from a Japanese NPO relating radiation oncology to Bangladesh Radiation Oncology society

○ International collaboration network was strengthened between IAEA and FARO with the new participation of 2 national radiation oncology societies from the RCA GPs, Myanmar and Mongolia, into FARO.

Issues and challenges

The program of RAS6086 had been progressing as planned until before the global pandemic of Covid-19 virus. However, the project activities in 2020 can be disturbed significantly by the pandemic disease, and we hope that these disturbances can be overcome by flexible and effective countermeasures by the IAEA and RCA, such as the flexible allocation of budget in 2020-2021 (the last two years of this project) and the use of telecommunication technologies in the project implementation.