

COOPERATION between JAPAN and the IAEA: Regional Cooperation in Asia and the Pacific (RCA)



RCA (Regional Cooperative Agreement for Research, Development and Training Related to Nuclear Science and Technology for Asia and the Pacific)

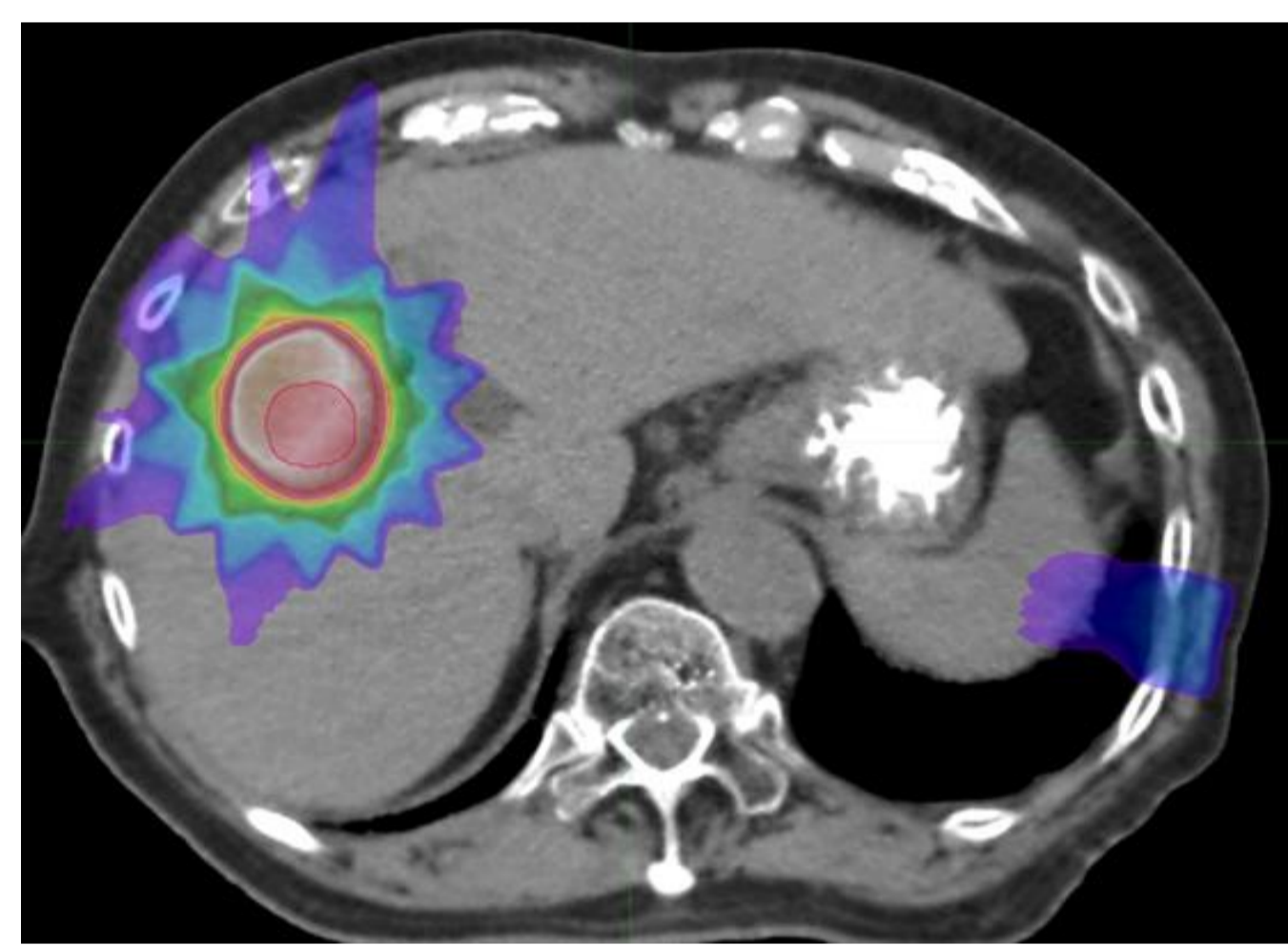
◆ Japanese experts play active roles in RCA projects in each Thematic Areas

Human Health (Radiation Oncology, Nuclear Medicine)



← Kick-off Meeting on RAS6086 (a project to strengthening cancer management programmes)

Expert Meeting on RAS6085 (a project on Stereotactic Body Radiation Therapy)



An example of Stereotactic Radiation Therapy (liver cancer)



Industrial Application (Radiation Processing)



↑ Products developed under the RCA project on radiation processing



← Regional training course on advanced characterization methods of grafted polymeric

Food and Agriculture (Food Irradiation, Mutation Breeding)

Rice mutation breeding significantly increases grain yield



↑ Kick-off Meeting of projects on Authentication of Foodstuffs (RAS5081)



resistant mutant

susceptible parent

← Mutants with resistance to yellow mosaic disease (YMV)

Water and Environment (Marine Monitoring, Deep Groundwater Assessment etc.)



Collection of seawater samples for project on Marine monitoring (RAS7028)



Regional Training Course for assessing groundwater resource in Tsukuba