

43rd Regional Meeting of National RCA Representatives

Project: RAS6087 Enhancing Medical Physics Services in Developing Standards, Education and Training through Regional Cooperation

Details: 2018 – 2022 | AUL | Dr Donald McLean, The Canberra Hospital | 18 participating GPs

Background

- The need for *well-trained clinical physicists* is critical for effective and safe applications of radiation medicine
- Rate of growth of radiation medicine in the region >> Number of new medical physicists (MPs) available.
- Some MSs' MPs are either in *isolated situations* or *lack experienced staff* to be involved in supervision, or both.

Project Objectives

- Improve access to MP clinical training programs and individual learning in developing countries, regional centres and small departments through implementation of Moodle e-learning platform AMPLE
- Increase number of MP as registrars and supervisors in clinical training programs
- Develop a regional resource of external supervisors and assessors to support emerging and isolated medical physics facilities in developing GPs.
- Adoption by developing GPs the agreed regional standards in medical physics certification and accreditation

Project Activities in 2020

- Meetings / Workshops
 - › Virtual project review meeting (17-18 November 2020)
 - 16 of the 18 participating Member States attended this meeting.
 - › Meeting on assessment in clinical training
 - Clinical training continued at a local level through IAEA-supported pilot programs in the region and also through independent programs.
 - On-line oral assessment of radiotherapy candidates was successfully carried out.
- Home Based Assignment
 - A home-based assignment to improve the ability of AMPLE to track progress of residents in clinical training was completed and these improvements will be piloted by Thailand before general release for AMPLE users in early 2021.

Progress during 2019

- Pakistan pilot clinical training program signed off at a National level.
- Vietnam has been planning for clinical training for some time and has requested the assistance of experts in their launch.
- Remote partial exams were successful.

Constraints/ Challenges

- ✓ Review of the AMPLE learning platform was largely successful however a number of lower priority modules were not completed due to the size of the document.
- ✓ Recommendation that the project be granted a 12-month extension to enable completion of activities that are not able to be conducted virtually and due to COVID-19.
- ✓ No support missions for training, orientation or assessment were possible