

RAYOS CONTRA CANCER

Education | Clinic Development | Research

Education

Since our last newsletter, RCC has completed two upgraded curricula in the African and Latin American regions, has two specialized programs ongoing, and has two more preparing to start. Read about these on pages 1, 2, and 3.

Research

RCC's work has been shared in several national conferences, including the Annual Symposium on Global Cancer Research, Annual ROECSSG Spring Symposium, and the upcoming American Society for Radiation Oncology conference in October. Congratulations to the volunteers who led these efforts! Our latest publications can be found on page 4.

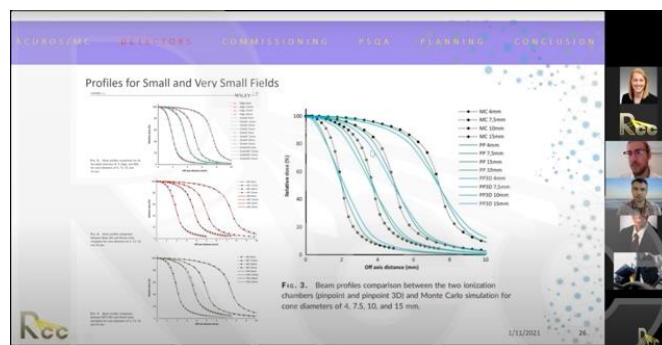
Clinic Development

RCC is extremely excited to partner with the South East Asian Radiation Oncology Group (SEAROG). Read more about this partnership and its accompanying curriculum on pages 2 and 4.

Twice the Impact

We are emerging from an academic year unlike any other. During this time, we wanted to stay as true to our mission as possible, and we were able to identify 25 different centers in Africa and Latin America that sought support for their transition to intensity modulated radiotherapy (IMRT) technology. RCC tested out conducting these two mirror curriculum in parallel with two separate teams of educators (one English and one Spanish). The result was a great success and good proof of concept for the organization!

IMRT 2.0 Training for Africa: After 30 sessions, running from October 2020 to January 2021, our IMRT 2.0 in Africa curriculum finished on a high note. One participant remarked: "I would like to thank you for this training that you provided us. It is very enriching and we really benefit from your experiences and advice." We are so proud of our RCC team, including our dedicated participants representing centers in Zambia, Sénégal, Ivory Coast, Ghana, Nigeria, and Pakistan.



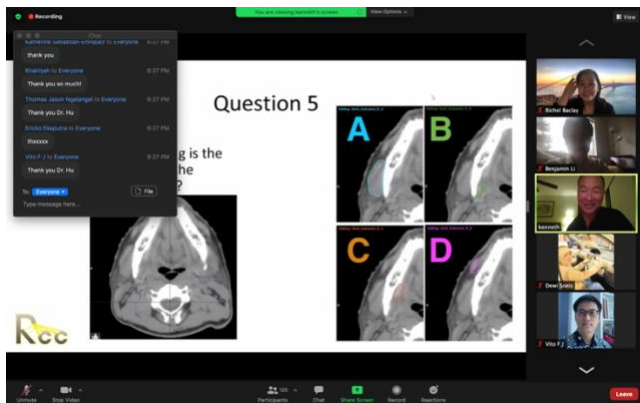
IMRT 2.0 Training for Latin America: Our IMRT 2.0 in LATAM, presented entirely in Spanish, has also been completed. Running from March to May 2021, we had over 200 enrolled participants from twelve centers in Uruguay, Peru, Paraguay, Nicaragua, Mexico, Guatemala, Ecuador, Costa Rica, and Colombia.

From one H&N to another!



After finishing our first training program in the Philippines, RCC hopped at the chance to continue spreading its Head & Neck Contouring and Plan Evaluation training program in the blink of an eye! This program is now being administered in Southeast Asia, thanks to our great partners from the South East Asia Radiation Oncology Group (SEAROG). We are proud to incorporate two head and neck experts from the region, Dr. Imjai

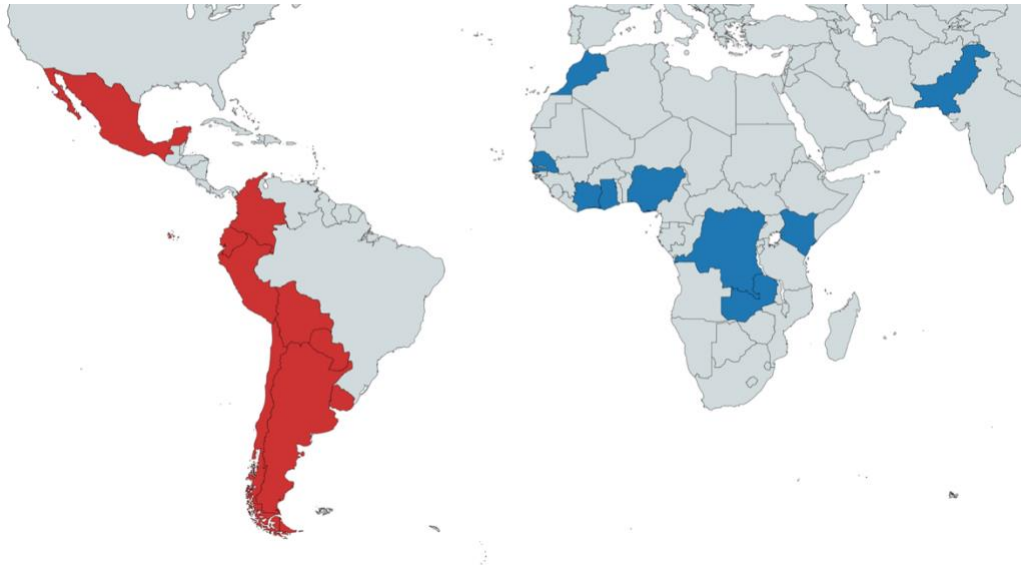
Chitapanarux and Dr. Soong Yoke Lim, as well as Dr. Soehartati Gondhowiardjo to share a lifetime of experience for learners and rising leaders. This curriculum contains built-in practical contouring sessions for each participant to contour their own case and make progress throughout the duration of the curriculum. The curriculum is almost fully completed now, with interactive questions (as pictured below) incorporated into each teaching session!



3. If you had to choose ONE, what do you like most about radiation oncology?



*There is a current renaissance of technology advancement in many regions of the world. However, with rapid accumulation of high tech, it is hard to keep up with new education and training efforts. Many radiation therapists (RTTs) are expected to simply “learn on the job”. We think that patients deserve the best, and this means honoring therapists as equal partners on the team. We are proud to announce our three-staged strategy for RTT training in 2021. Thank you to **Elaine Herbert**, lead educator, for designing these courses.*



1. Advanced IMRT for RTTs in Latin America: With the support of over a dozen RTT leaders from nine Latin American countries, RCC’s newest curriculum is currently ongoing! The program is designed from the perspective of RTTs seeking to learn and master IMRT, and includes radiation oncologist, medical physicist, and RTT educators. With over 400 participants from 9 countries enrolled, this curriculum started in May and will run to September 2021.

2. 3D/IMRT Advancement for RTTs in English-speaking Africa: Leveraging the work of our dedicated LATAM team, a second team of English-speaking educators will help to implement this curriculum tailored for the English-speaking African region. Beginning summer 2021, this exciting curriculum will be conducted with the help of RCC University chapter Albert Einstein College of Medicine. An enrolled participant commented, “Thank you for this once-in-a-lifetime opportunity!” ... Well, we hope this is more than a once-in-a-lifetime chance for self-improvement for all involved!

3. 3D/IMRT Advancement for RTTs in Francophone Africa: The French version will be RCC’s first curriculum in that language and provides the opportunity to engage with a new group of educators. We are delighted to meet and welcome new volunteers from ESTRO and from Morocco. With the creation of education in the native tongue of all staff, we are excited for this to expand the accessibility of RCC programs to more providers around the world!

RCC's Latest Publications

We are excited to share our recent published work! Lead by our amazing team, these publications help to highlight our mission for high quality radiation oncology education.

Impact of High-Dose-Rate Brachytherapy Training via Telehealth in Low- and Middle-Income Countries. <https://ascopubs.org/doi/full/10.1200/GO.20.00302>

Leveraging Telehealth and Medical Student Volunteers to Bridge Gaps in Education Access for Providers in Limited-Resource Settings. <https://pubmed.ncbi.nlm.nih.gov/33264112/>

Partner Spotlight: South East Asia Radiation Oncology Group (SEAROG)



RCC is proud to partner with the South East Asian Radiation Oncology Group! The mission of SEAROG is to improve the quality of radiation oncology practice in the South East Asian Region by means of enhancing cooperation in education, research and Quality Assurance initiatives. SEAROG's catchment area accounts for 25% of the WORLD population. Therefore, we can work together to make a huge difference and advancement for cancer patients globally through our education and training programs.

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being an
educator?**

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