



ISRRT
INTERNATIONAL
SOCIETY OF
RADIOGRAPHERS
& RADIOLOGICAL
TECHNOLOGISTS

DEC 2020

NEWS & VIEWS

FROM
AROUND
THE
WORLD



**WORLD
RADIOGRAPHY
DAY
2020**

**WRD:
SRI LANKA**



**COVID-19:
BANGLADESH**

**WRD:
TANZANIA**



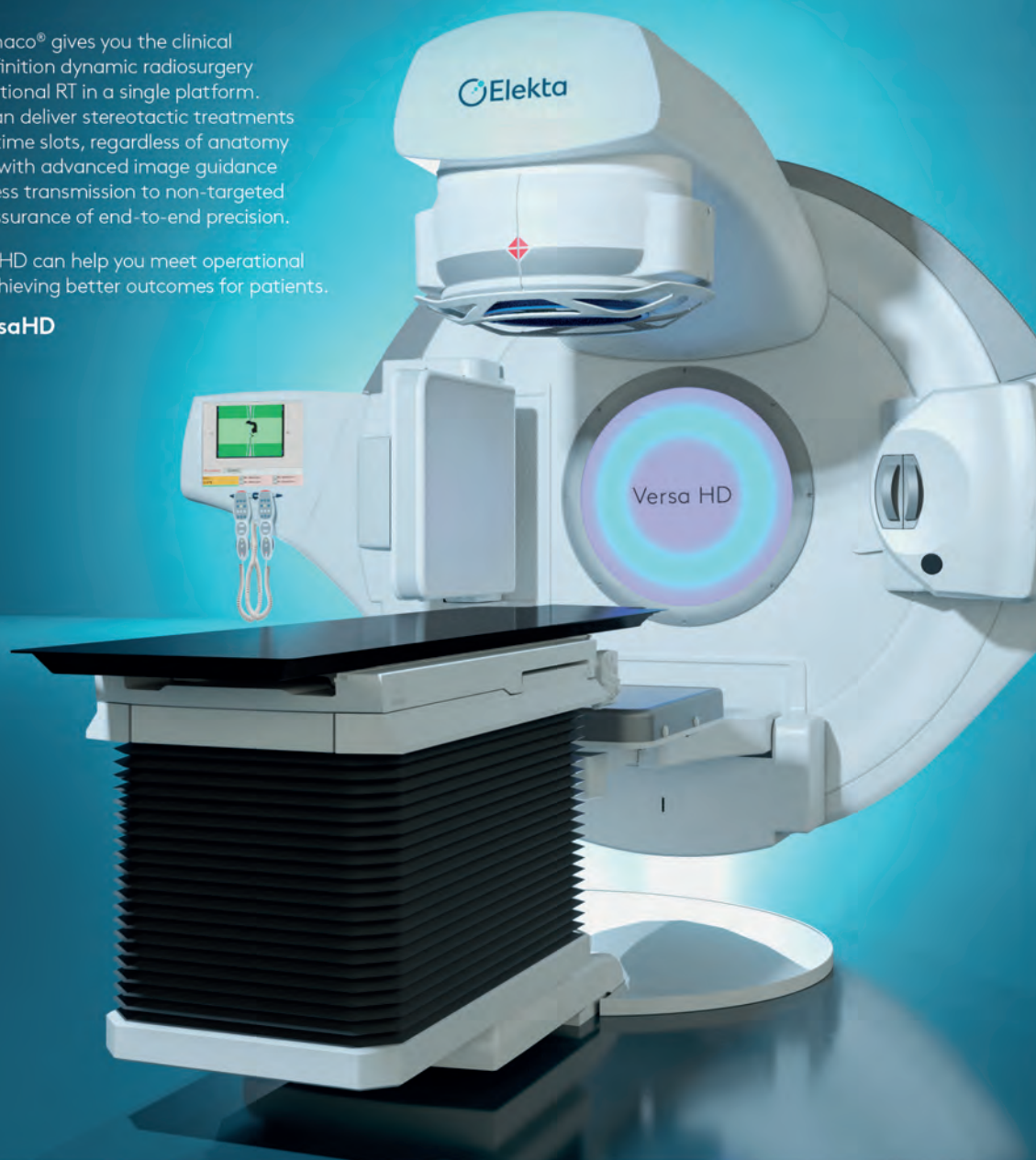
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PRESIDENT'S MESSAGE



DONNA NEWMAN
ISRR PRESIDENT

DEAR ISRR MEMBERS,

As I write this column many of the ISRR Board of Management would have been attending the RSNA meeting in Chicago which has now been changed to an online meeting as well. The world is now experiencing the second wave of the COVID-19 Pandemic and many of us are working long hours caring for our patients. Be assured that the ISRR is thinking about all of you and appreciate your dedication as frontline workers to our patients

The ISRR has prioritized projects and collaborations that bring value to our members. I am pleased to announce another resource for our members to use published by the WHO in which the ISRR collaborated and represented the radiographers' global voice. This new document, called "Priority medical devices list for the COVID-19 response and associated technical specifications – Interim Guidance 19 November 2020" In which Stewart Whitley, ISRR Director of Professional Practice and myself served on the committee related to Chapter 8 Technical specification for medical Imaging equipment.

As part of the response to the global pandemic crisis and the need for a model reference list of basic and priority medical devices required for the COVID-19

response, this project was developed by the World Health Organization (WHO), following the latest available evidence on COVID-19 clinical management and infection prevention and control (IPC). This document is recommended to support decision-making regarding the selection, incorporation, allocation and use of medical devices in the context of COVID-19. The document also helps provide information related to selection of the medical devices requested, according to clinical needs and local infrastructure, and for verification of installation and operation of the equipment and to ensure training of the health care workforce.

I can also report that Stewart Whitley attended the Seventy-Third World Health Assembly (WHA) meeting, November 9-14 on behalf of ISRR which is recognized by the WHO as Non-State Actor. Member State countries presented matters arising from COVID-19 in dealing with the pandemic and expressing their ideas for future actions and how lessons learnt and can be employed for a future virus pandemic. Two committees were established with Committee 'A' dealing with health matters and Committee 'B' addressing WHO managerial, administrative, staffing and governance structures with some health matters transferred to the committee during the session.

Facebook live session 12 ISRR COVID-19 Facebook live series 'Updates on COVID-19 Pandemic, What have we learned?'

Yudthaphon Vichianin, ISRR Director of Education, Napapong Pongnapang, ISRR Vice President of Asia/Australia, Donna Newman, ISRR President, Stephen Samson Mkoloma, ISRR Public Relations Coordinator for Africa, Mahesh P. S India, Charlotte Graungaard Falkvard, Denmark, Terry Ell, ISRR Vice President of The America's, TS. Sawal Marsaic, Malaysia, Ramona Chanderballi, Guyana.



As your President I too have been very busy these last three months representing our members attending to the requests from our members societies and international global stakeholders. I have taken every opportunity I can to collaborate, network and provide training information as requested and would like to highlight just a few of my collaborative educational meeting around the world.

First, I couldn't turn down the opportunity to participate in the 1st World Radiography Education Trust Foundation "Dream, Learn, Lead World Radiography Student Day" Webinar held November 19, 2020 to support students who are our future leaders. What an exciting event with students from over 30 countries participating. I took the opportunity to share some history between the ISRRT and the World Radiography Education Trust Foundation as well as show case the great resource we have available for students use and to explain how the ISRRT will be an important organization for them to become involved throughout out their careers.

Second, collaboration with our member societies is always at the top of our Board of Managements priority. The New Zealand Society held their Annual General Meeting via a virtual link due to the COVID-19 pandemic as many societies have had to do this past year. I was invited to present the ISRRT collaboration with WHO and the role of ISRRT during the COVID-19 pandemic as part of their General Assembly. I so appreciated the positive response I received from my presentation and congratulate the New Zealand society on a successful General Assembly.

Finally, several of our board members were invited to participate in 28th CSIT National Academic Congress and International RT Forum (online), Dalian City, Liaoning Province of China, 24th-27th September 2020. I was asked to present during the opening ceremony and give a presentation called ISRRT's "Value, Vision and Insight" to the Radiology Profession during the COVID -19 pandemic. I thank the Chinese Society of Imaging Technology (CSIT) for the invitation and hope someday to have them as part of our ISRRT family.

Collaboration with our international and regional stakeholders is also an important part of our mission and strategic plan and I would like to highlight some important participation in few of these events where myself and the ISRRT Board of Management collaborated on behalf of our profession. ISRRT collaborated with WHO on an ISRRT global webinar to celebrate 'World Patient Safety Day' on September 17, 2020 with the theme of 'Health Worker Safety: A Priority for Patient Safety' Radiographers and radiological technologist toward this goal. I am so proud of the work our board members did to help coordinate and present during this global webinar.

I particularly want to say a Big 'Thankyou' to all our members that helped to celebrate World Radiography Day with the theme "Elevating Patient Care with Artificial Intelligence, radiographers are essential in elevating patient care". This theme also gave us an opportunity to continue with the ISRRT's public relations campaign with the publication of a second edition of the World Radiography Day book. I can't thank our member experts and society members enough that took time to contribute to this global document. Please take time to down load the special edition on the ISRRT website under the Communication Tab at www.isrrt.org ISRRT members that used our poster to celebrate are being featured in this issue of News and Views as well as on our ISRRT Facebook page. We hope you enjoy seeing how our members celebrated all over the world.

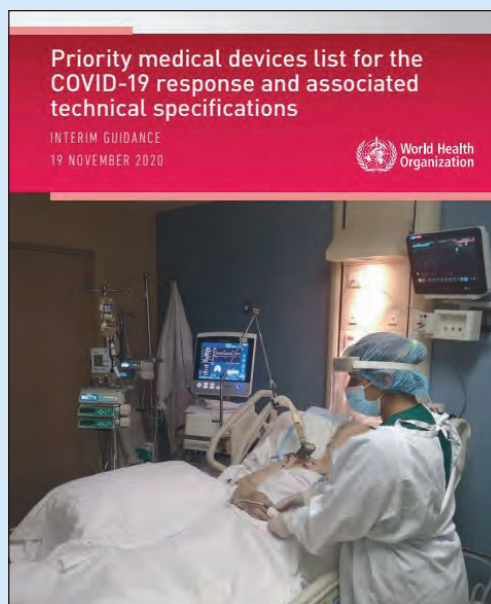
Please be assured that just by participating you have contributed to the public relations campaign to raise awareness; help educate and shape the perception of the vital role that radiographers/radiologic technologists play as part of the health care team in elevating patient care while using artificial Intelligence during our work every day.

As part of our collaborative efforts with ECR and EFRS ISRRT participated in the online Highlights seven Week: Radiographers/ Physics in Medical Imaging the week of Oct 27-29. Several board members, member experts and myself contributed during several



| ECR 2020 Highlight Week 7 'Safety, Education, Research and the Radiographer Workforce Shortage during COVID-19'.

Panelists: Donna Newman, ISRRT President, Jonathan McNulty EFRS President, Dr Maria Perez World Health Organization, Joana Santos and Dr Vibeke Logager.



sessions held during this highlight seven week. Two of these programs were our traditional "ISRRT Meets Japan and ISRRT meets Canada" where radiographers from that region highlighted best practice from their countries.

As your president I was invited to participate in a panel discussion titled, "Safety, Education, Research and the Radiographer Workforce Shortage during the COVID-19 pandemic" where we discussed current issues affecting our profession. I also presented during the coffee talk session the views of the International Society of Radiographers on the medical imaging workforce shortage. I can't thank our expert members enough that contribute to this project.

ISRRT continues to collaborate with its member societies during its ISRRT Facebook live sessions creating a platform for members to discuss current trends, practice parameters, practice issues as well as patient related safety issues. These events have become so popular that the ISRRT expanded the Facebook live session to include co-hosting events with our member society presidents and the ISRRT President. The society president is invited to showcase their society during opening remarks of the Facebook live session.

As the ISRRT President, I am thrilled to announce the Danish Council of Radiographers (DCR) is the winning bid for the ISRRT 2024 World Congress. We wish the winning Danish Council of radiographers (DCR) society a successful 2024 ISRRT World Congress. ISRRT Board of Management would like to thank all the Societies who spent time and effort to compile and submit their bids.

There is so much more that we could talk about and these are just a few highlights of the work the ISRRT board of management has been performing on behalf of its members. The ISRRT continues to work in these seven priority areas to show why ISRRT is of value to its members:

- Collaboration and Networking
- One Global Voice
- Representation on a Global Level
- Global Standard Development
- Elevation of standards of Care for Patient
- Development of Safety Standards for Professionals
- Education

Stay safe until we can meet again in person. ■

Donna Newman
ISRRT President



ISRRT President Donna Newman promoting World Radiography Day.

21ST WORLD CONGRESS RESCHEDULED DUE TO COVID-19

Due to the current COVID-19 pandemic, IIRTT and ISRRT have jointly decided to reschedule the 21st World Congress to be held at the Convention Centre Dublin, Ireland from August 26-29 2020 to the same venue on **August 17-21 2021**. All registrations and sponsorship arrangements will be carried over to the new dates. We look forward to welcoming you to Dublin in August 2021 and are examining re-opening the Abstract submission process later this year and into early 2021 to take into account developments in our profession related to the COVID-19 outbreak.

CHIEF EXECUTIVE MESSAGE



DIMITRIS KATSIFARAKIS
CEO

DEAR COUNCIL MEMBERS OF THE ISRRT,
and readers of the *ISRRT News & Views*,

It is the last issue of the current year which still is an unprecedented one in terms of public health and consequently to the global economy.

The pandemic has intensified through the second wave as the number of infected people is escalating while the ever-increasing number of patients in ICUs and the death toll is alarming for the modern world.

Radiographers/RTs all over the world, you all dear colleagues, are in the front line confronting the pandemic, fighting the COVID -19 from the beginning to the end.

Initially, radiographers receive the patient (often asymptomatic) and irradiate them. Next, they perform the imaging follow-up either in the COVID ward or worse, in the ICU.

During this time, radiographers are working under difficult conditions, they wear Personal Protective Equipment and consistently aim to cause more benefit than harm, the origin of the Hippocrates oath. In a few words to stay safe in order to serve the others.

Radiographers deserve the respect of both, the Healthcare authorities and humanity, as front-line healthcare professionals.

The ISRRT is following and supporting the heavy duty of our members by means of educational activities.

A series of webinars focused on the role of the Radiographer/ RTs during the pandemic, and the views and shared experiences from all continents brought the community of our professionals together. Also they offered the opportunity, experiences and practices exchange at the very time of occurrence in their respective hospitals and countries.

Meanwhile, the modern world strove to establish a continuity to the work in progress with remote participation tools such as additional video conferences and video calls.

Virtual conferences organized by the IAEA and the WHO by which the ISRRT maintains an official relationship have been organized, and the Board Members have actively represented all of you there.

Due to the modern technology, the community is more connected than ever before, though virtually.

Apart from our jobs obligations, we are all experiencing personal isolation in our social and professional life.

However we are thankful to the technology which keeps us connected, granting opportunities to exchange our experiences and to produce the work needed for the benefit of the Organization we all love, the ISRRT.

In the inner pages of the current issue of *News and Views* December 2020 edition you will have the opportunity to read the activities and the experiences of the Radiographers/RTs from around the world, and to feel that in this pandemic we are all on the same boat, and we have to keep ourselves safe until it will come to an end.

Having heard the promising news for a number of reliable and safe vaccines, we all feel that the light at the end of the tunnel will brighten the shadowed days of our current professional and personal life.

Until then,

Keep safe and be optimistic,

This pandemic will come to an end soon. ■

Warm regards,

Dimitris Katsifarakis
Chief Executive ISRRT



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TREASURER MESSAGE



PHILIPPE GERSON
TREASURER

FROM CHINA TO MEXICO VIA THE UNITED ARAB EMIRATES,

This year, the members of the ISRRT Board continued to travel, but virtually.

You have seen that more than 10 webinars have been set up in record time.

Nevertheless, each member of the board tried to keep in touch with many countries by participating in different virtual congresses.

For my part, I have already been invited twice to the annual congress of our Chinese colleagues from the CSIT (Chinese society of imaging technology) but I have never been able to go there, due to professional constraints.

But I took part virtually on September 28 with a communication on the management of Covid-19 in France. The online organization was perfect, from the registration to the distribution of the presentations. I would like to thank Prof. Haihong Fu, president of the CSIT for his invitation and I hope that it will be renewed and this time in real life in 2021.

As every year, for two years now, the RASE (Radiographers Society of the Emirates

invites me to the United Arab Emirates Annual Radiology Meeting (ARM) in Dubai (2-3 November).

The congress was planned face-to-face but a month before we had to resign ourselves to organizing it virtually.

Here too the organization, in record time, was perfect and I had the opportunity to present 2 communications, one on the management of the Covid-19 in France, and another on the role of the ISRRT in the management of this pandemic as the world association of radiographers.

It is always a joy for me to go to DUBAI and to meet my friend Hassim and my friends (Samar and Hessa) from the association of the Emirates. I thank them again and I hope that they will be present in Dublin next August to celebrate the integration of the RASE into the large family of the ISRRT.

Lastly, on November 20, 21 and 22, the international congress of the Mexican association took place, bringing together speakers from all over South America (Mexico, Peru, Argentina, Bolivia, etc.). The French association AFPPE invited our colleagues from the Mexican association,

[About](#) [Virtual Platform](#) [Conference](#) [Exhibition](#) [Media](#) [Contact](#) [Registration](#)

Dr. Naser Almehairbi
Specialist Radiologist Radiology Department - Sheikh Khalifa Medical City (SKMC) Abu Dhabi, UAE
Dr. Naser Almehairbi is a specialist Radiologist with clinical experience from Egypt, UAE and Canada. He is medical graduate from Cairo University, certified radiologist from The Royal College of Radiologists, United Kingdom and from the Arab Board of health specialization. Dr. Naser has paediatric imaging and is a member of the Radiology Society of North America. Dr. Naser specialises in Magnetic Resonance Imaging (MRI), Tomography (CT), Ultrasound [...]
[Read More](#)

Mr. Philippe Gerson
Chief Radiographer Treasurer - ISRRT
Philippe gerson qualified as a radiographer in 1981 at the hospital Hotel Dieu, he became Chief Radiographer in 1990. Since one year he is 3 radiology department in 2 hospitals in Paris (hotel dieu hospital, Necker hospital adult and pediatric radiology department). He has been Africa organizing several workshops and conferences. He has been appointed by the French Red Cross as an expert to set up Radiology Day [...]
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Prof. Pia G. Maly Sundgren
Head of the Department of Radiology, Clinical Sciences, Co-Director - Lund University Biomedicine Center Ser neuroradiology, Skåne University hospital, Sweden
Professor Pia Maly Sundgren is the head of the Department of Radiology, Clinical Sciences/Lund, Lund University in Sweden, Co-Director for Biomedicine Center, and senior consultant in neuroradiology at Skåne University hospital in Lund. Her research focuses on advanced MRI (magnetic resonance imaging) research focused on monitoring treatment response and effects of radiation in brain tumors, advanced imaging in autoimmune diseases such as SLE as well as in pain conditions [...]
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ricardo CHAVEZ and vladimir MONTANO during the JFR (French days of radiology) in 2019.

Since then, we have remained in contact and I therefore presented a virtual communication on the management of COVID-19 in France but in Spanish with the help of a radiographer from my hospital who is perfectly bilingual in French and Spanish. I hope that Mexico, which was one of the 15 countries that created the ISRRT in 1962, will soon be able to come back to our big family where unfortunately South America is not very present.

Above all, I hope that in 2021, all congresses will be able to go from virtual to real. ■

Philippe Gerson
ISRRT Treasurer

CIIRI 2020
Aula Virtual

DOMINGO
NOVIEMBRE **22**
Ponentes y temas

T.M.E.I. Philippe Gerson Paris, Francia Miembro de la Junta directiva de la JFR, con sede en París Tema: Gestión de la pandemia de COVID 19 en el departamento de imagen en Francia		T.P.R. Ángel Smarth Cabañas Alcocer Michoacán, México Miembro de la sociedad de Michoacán, México. Salud Digital, México Tema: Dosimetría Ósea Escaneo DXA	
Dr. José Alfredo Cenicerós Valenzuela Chihuahua, México Medico Radiólogo Tema: Diagnostico por imagen en COVID-19		Dr. Eduardo Brito Ortiz Puerto Rico Medico Radiólogo Intervencionista Tema: De interes	
Lic. Florizel Torres Melgarejo Lima, Perú Hospital Nacional día de mayo, Especialista en DM de Hacia, Estudios Neurológicos Avanzados y Estudios Vasculares, Docente Adjunto en la Universidad Peruana Cayetano Heredia. Tema: Resonancia Magnética en el Dato Neurológico por COVID-19		T.P.R. Julio Cesar Guzmán Hernández San Luis Potosí, México Presidente del CNTRI. Clausura del CIIRI-2020	

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VALE: GORDON RYAN

ISRRT pioneer past president passes away



GORDON RYAN

Two key things consumed Gordon Ryan's life – work and family. While he dabbled in many other pursuits he was not as passionate about any of them as he was with these two:

- He led his best life, the best way he knew and he loved his family and cared for the community.
- He had his dreams and goals!

Gordon became a pioneer in his field. When he stumbled upon the chance to combine two of his passions, medicine and technology shortly after leaving school, the die was cast as he embarked upon a career in radiology, despite his mother wanting him to pursue a career as a violinist.

Gordon led some significant change in the development of this then a relatively new field and the underlying and emerging technology which was proving to be a boon to the medical fraternity, aiding in improving their diagnostic ability for the critically unwell. Back in an era where specialist trauma hospitals did not exist, the local hospital provided for all your medical needs and Bulli Hospital's X-Ray department led much of this change across Australia, particularly in radiology. For example, Bulli was the first hospital in Australia to have a mammography screening unit and in doing so Gordon helped to save countless lives through the introduction of advanced screening techniques for breast cancer and its early detection.

Gordon received many accolades for his work in medical imaging and was the world president of the ISRRT (1985-89), President of the then Australian Society of Radiography and lectured regularly at Sydney University. He was awarded an Order of Australia Medal in 1991 in recognition of his 46+ years achievement and meritorious service to the improvement of community health and radiography.

After retirement life continued to be busy for Gordon and his much-loved wife, Lorna, who was a nurse. They travelled extensively, a pursuit that was inspired during his terms in 'office' with the ISRRT and various other official duties. His interest and enthusiasm for the ISRRT never declined. They loved the opportunity to soak up different cultures and embrace all that the world had to offer. They made friends and connections all over the world and I am very proud that I and my wife Alison were part of their community.

Gordon lived a wonderful life, he was fit, healthy and mostly independent even after Lorna passed. However, he never really recovered from that sad event. Lorna's passing was sudden and unexpected and left Gordon distraught but the proximity of family was a godsend for him and helped him through this difficult time and into the future.

The natural aging process and deterioration in his health meant that he had to move from his family home into the nearby "Diggers Nursing Home" at Corrimal. While not something he cherished, he knew that it was necessary and in the last 5+ years had many hospitalisations. Most people in his age group would not have recovered from these events but 'Houdini' would bounce back every time after surgery and physiotherapy.

The radiography community has lost an amazingly selfless, honest, loving, determined and supportive man who will endure in our hearts and memories forever. ■

Dr Alexander Yule OBE, JP, DSc CEO, ISRRT



EUROPEAN
CONGRESS OF
RADIOLOGY

**ECR
2021**

MARCH 3-7
VIENNA

ECR POP-UP
**WORLD
TOUR**

ONLINE | ON DEMAND

EMBRACING

THE ANNUAL MEETING OF

ESR EUROPEAN SOCIETY
OF RADIOLOGY

EFRS EUROPEAN FEDERATION OF
RADIOGRAPHY SOCIETIES

ESHIM MOLECULAR TRANSNATIONAL
HYBRID IMAGING

MYESR.ORG

PART AIMS TO IMPROVE PATIENT OUTCOMES WITH KNOWLEDGE-BASED MEDICAL IMAGING DIAGNOSTIC TOOL IN THE PHILIPPINES

PHILIPPINES | SEPTEMBER 2020

REPORT BY PEACHY S. LUNA

RESPIRATORY diseases like tuberculosis and pneumonia are one of the major health threats in the Philippines. The World Health Organization states that Chest Radiography (CXR) plays a significant role in shortening diagnostic delays and should be performed early in the course of investigation of those who have symptoms suggesting pulmonary TB (PTB). However, apart from inaccurate reading of a CXR, the unsatisfactory quality of the CXR itself may lead to over- or under-diagnosis of PTB. It is thus important to improve and maintain the quality of CXR to avoid faulty diagnoses of bacteriological negative/CXR suggestive PTB patients.

In line with the provision of the technical assistance on the quality of CXR for radiologic technologists (RTs), the RIT/JATA Philippines, Inc. (RJPI) cooperating with Philippine Association of Radiologic Technologist (PART) developed a model intervention under the National Tuberculosis Control Program (NTP) in the Philippines. A four-day training course for 40 RTs was organized based on the handbook developed by the Tuberculosis Coalition for Technical Assistance (TBCTA). A study was conducted from 2009 to 2010 and in 2015 to assess the effectiveness of the training course showed the significant improvement of the total score of assessment factors strongly suggesting a positive impact of the training course on improving the quality of CXRs. Moreover, the training course appeared to have had a long-term effect on maintaining CXR quality. Accordingly, assessment factors regarding the quality of CXR which are required to understand by RT are specifically introduced to the parties concerned through our activities.

Modern technologies in addition to the methods introduced for improving the CXR quality could be utilized further for building the capacities on medical imaging diagnosis. A tool developed by "Medical Shinansya" in Japan is available on internet online which is composed of a knowledge-based neuro computer that supports users for building the capacity to sustain and improve the quality of medical imaging by RTs, i.e., the quality CXR images, and to make an accurate diagnosis by physicians, i.e., the quality of CXR interpretations. The users are able to operate anytime and anywhere if the internet is accessible to build their capacity for medical imaging diagnosis. Moreover, the tool is able to rate the

qualification levels of users by assessing the responses to the questions from basic to advanced levels so that the tool will be effectively applied not only to RTs but also to physicians. Once the tool has been institutionalized in the parties concerned such as educational institutions and professional associations for RTs and physicians, the quality of medical imaging diagnosis, particularly TB, at the primary healthcare levels is expected to be improved and shortened the diagnostic delays in the Philippines.

A training in Japan was provided to PART last October 2019 to come-up with a teaching design that can be incorporated in the curriculum of universities; training design for the professional level for Continuing Professional Development (CPD) units' purposes which needs to be accredited by the Professional Regulation Commission (PRC) in the Philippines; and alongside that is a job-aide to facilitate learning.

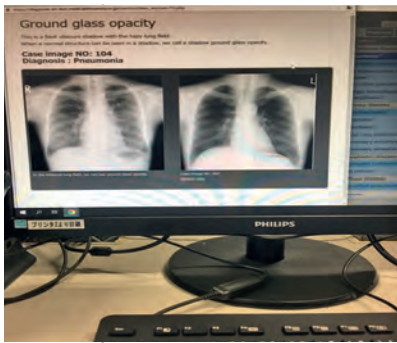
The aim of the project of the PART is to share the observed Japanese experiences for capacity building through the under-graduate education and post-graduate training mechanism organized by the PART to be initiated with relative professional associations. During the Training of Trainers (TOT) in Japan, Peachy Luna, the trainee from the PART had opportunities to observe the facilities for RT education and lectures on the issues for professional capacity building mechanism for RTs and physicians. Moreover, modern technologies for medical imaging developed by Japanese parties were introduced, particularly a



Memorandum of understanding was signed and exchanged with PART in February 2019.

knowledge-based medical imaging diagnostic tool that assist for building the capacity to sustain and improve the quality of medical imaging by RTs, to make an accurate diagnosis by physicians and improve patient outcomes.

Major outcomes are expected by the PART in initiating the project. The quality of medical diagnostic services at the primary levels in the Philippines is expected to be improved through the professional capacity building sustained by the quality education mechanism at the under-graduate level and the continuing professional training mechanism at the post-graduate level. Concerning parties are expected to develop any plans to improve the institutional capacity for quality of medical imaging diagnostic; - by introducing a knowledge-based medical imaging diagnostic tool for pre-graduate education and post-graduate professional trainings, - by investing in facilities and teaching materials for professional education of RTs such as diagnostic imaging units and accessories for X-ray examinations based on the ideas from Japanese experiences learnt from TOT. Based on the mutual understanding between the project and the concerning parties in the Philippines, memorandum of understanding between the project and the PART was exchanged to continue the project. ■



Training on the use of Digital Imaging Tutor Technology for chest radiographic and ultrasound imaging.



Observation of radiologic technology facilities in Osaka City University, Kyushu University and Hiroshima University.

RADIOGRAPHERS ON THE FRONT LINE BATTLE AGAINST COVID-19 IN INDONESIA

INDONESIA | NOVEMBER 2020

REPORT BY GIEK SUGIYANTO, PUTU ADI SUSANTA, YUSUF ISKANDAR

POSITIVE cases of COVID-19 in Indonesia were first detected on March 2, 2020, when two people were confirmed to be infected. On March 14, the Indonesian Government declared the coronavirus pandemic a national disaster. Since April 9, the pandemic has spread to 34 provinces. As of November 9, 2020, Indonesia has reported 440,569 positive cases, ranking first in Southeast Asia. Death rate, Indonesia ranks third in Asia with 14,689 deaths. Efforts to fight the pandemic have been made, large-scale social restrictions, implementing new norms, practicing social distancing to slow the spread of COVID-19, and employees aged 50 years and over work at home.

The government imports coronavirus test kits, orders antiviral drugs, produces millions of masks for the public, build a temporary hospital, published a list of cleaning products that can be used as a disinfectant against the coronavirus. COVID-19 has caused changes in various aspects of life, especially in public health. So the health sector program focuses entirely on handling COVID-19.

The role of health workers plays a key position in efforts to provide optimal health services to people during this pandemic. One of the health workers who played a role in the battle against COVID-19 was a Radiographer. In Indonesia, the role of a radiographer includes as a person, in the family, with colleagues

and professional organizations, serving in health facilities and hospitals, in the community

As a healthcare professional, radiographer must be able to maintain good health and show an example to the public. Radiographers face many challenges in this pandemic, the risk of being exposed to COVID, exposure to radiation, fatigue, exposure to other diseases, and uncertain working conditions. Especially when colleagues suddenly get sick or are confirmed positive for COVID-19.

Radiographers must be able to protect their families from the risk of contracting COVID-19, so prevention is needed, especially when returning from duty in the hospital. Radiographers must be able to work with colleagues, and other healthcare professionals, as a solid COVID-19 team.

During the COVID-19 pandemic, radiographers must continue to provide high-quality diagnostic imaging services, and deliver cancer treatments, while ensuring the safety of the patients. If appointed as the head of the handling team, must be able to assemble standard procedures or services in accordance with established health protocols for mutual safety. Able to be an inspiration for the work team.

Radiographers role and obligation fully supported by the role of



President Sugiyanto gave donations to COVID-19 Professional Hospital.

Indonesia Society of Radiographers (ISR), that includes making regulations, policies and appeals for protecting radiographers and patient safety related to COVID-19, other role rising donations, providing and distributing Personal Protective Equipment (PPE) for radiographers. Gathering the volunteers required by the state to maintain the number of health professional as the frontline for fighting COVID-19. ISR also giving Continuing Professional Development Credits to COVID-19 volunteers, and radiographers who are in the front liner.

The Indonesian Society of radiographers (ISR) records fellow radiographers who have tested positive for COVID-19, monitors their health conditions, and provides health supplement assistance.

Until November 9, 2020 there were 158 radiographers across the country who tested positive with COVID-19 and five deaths. The hardest part of the struggle is receiving a report of a radiographer death due to COVID-19, then giving condolences to others. The Indonesian Society gives the highest appreciation to health personnel who have died in this struggle against COVID-19.

ISR advocates to Indonesian Ministry of Health so that the COVID-19 fighters receive awards from the Ministry and President of the republic of Indonesia, especially colleagues who deceased.

ISR routinely held webinars, online seminars, all of which are recorded on the PARI official youtube channel to maintain and improve radiographers knowledge and skills. There is a CPD credit for each webinar. As of early November, around 30 webinars have been conducted nationwide.

ISR gives an appeal and always reminds in every activity, that Indonesian radiographers must always live healthy, take care of personal and family health, delay travel if not important, always wash hands regularly, avoid gatherings and crowds, always follow the recommendations and protocols given by the government, all appeals have been stated in a circular letter which is still being followed by all members. ■



■ Radiographers on the front line battle against COVID-19.

MEDICAL IMAGING PRACTITIONERS' CAPACITY BUILDING STARTER USING INFORMATION TECHNOLOGY (IT) CHANNEL DURING COVID-19 PANDEMIC: RWANDA CHARTER PERSPECTIVE

RWANDA | NOVEMBER 2020

REPORT BY HABIMANA JEAN FELIX, SECRETARY GENERAL/SMIR; ISRRT COUNCIL MEMBER FOR RWANDA

ON SUNDAY November 8, 2020, Society of Medical Imaging and Radiation in Rwanda (SMIR) organized and conducted a successful refresher training session on updates in medical imaging as part of international radiography day celebration- Rwanda Charter, with more than 50 participants. The training took place using Zoom, in Rwanda from 15h00 to 18h00 Rwanda Time.

Under moderation of Mr Habimana Jean Felix (Secretary General of SMIR), the introductory remarks have been provided by Mr Bana Remy Wilson (President of SMIR); He warmly welcomed the participants and appreciated their commitment in attending the 1st training session using information technology platform. He promised all members that the professional capacity building during this pandemic period will always be online using zoom and different speakers from imaging sub-specialities and its allied sciences will be always invited to empower the members. Therefore, all members, will have all benefits without having to move from their work places.

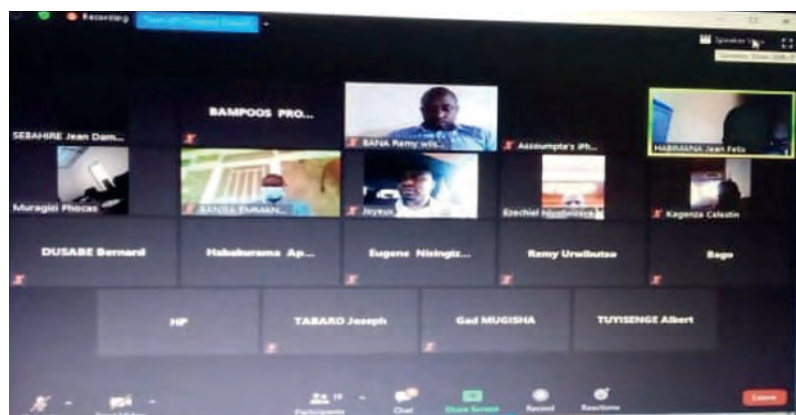
He continued by presenting the training program where the main topics include, but not limited to, Introduction on Artificial intelligence and its application in medical imaging; Quality imaging training and future trends of imaging training in Rwanda; A Rwandan Imaging professional internationally: challenges and recommendations; Regulatory view towards safety and security in imaging departments; SMIR projections towards a standard and recognized profession; Opportunities in medical imaging

career; Panel discussion; Ceremony of celebrating international radiography day and closure. He concluded by ensuring to all members that, 4CPD credits will be offered to all participants who fulfil SMIR membership requirements.

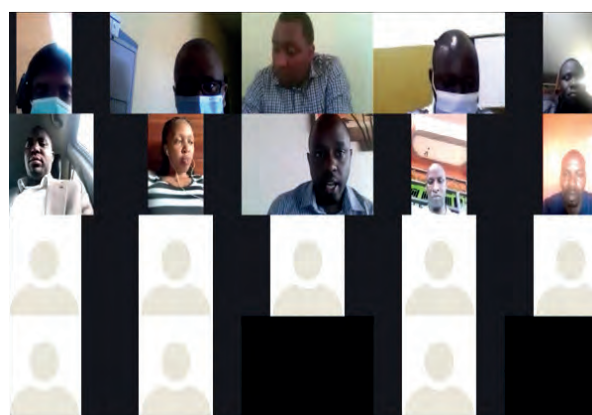
Different speakers were given time for their respective presentations on interested topics.

The overall knowledge on Artificial Intelligence and its application in medical imaging has been presented by Habimana Jean Felix, where he explained the standard infrastructures required for setting up these software that are being used for accurate diagnosis. He continued by explaining the challenges faced by developing countries in implementing this program and Rwanda health system will be easily to start as evidenced by current existing and utilization of IT in delivering healthcare services at all levels.

The following presentation done by Mrs Mukangendo Mecthilde, who is Head of Medical Imaging Sciences Department from University of Rwanda, who talked about Quality imaging training and future trends of imaging training in Rwanda, where she emphasized on further studies opportunities on upgrading SMIR members from advanced diploma to Bachelor level training with using two years by starting at level 3 up to their completion in level 4. He emphasized that they are doing advocacy for paying fees in instalment, to set up the weekend versus evening training program as well as online enrolment where it will be expected



Some participants In training and celebration of Radiography Day November 2020.



Participants following the presentations on zoom.



Mr Bana Remy Wilson (President of SMIR) while giving keynote address.



Mr Eugene Nisingizwe (Guest speaker), Senior Medical imaging practitioners trained in Rwanda and work in Kingdom of Eswatini Swazi.



Mr Jean de Dieu Tuyisenge Iradukunda (Guest speaker), Director of radiation safety regulation in Rwanda Utilities Regulatory Authority (RURA).

that SMIR members admitted in further studies will be increased.

The talk on a Rwandan imaging professional internationally: challenges and recommendations, has been offered by Mr Eugene Nisingizwe, a Rwandan Radiographer staying in the Kingdom of Eswatini Swazi .

He emphasized and encouraged the radiographers who studied advanced diploma previously in Rwanda, that it may be very difficult to comply with the international educational and practical standards abroad and convince with confidence to others that you are capable, this is the reason why University of Rwanda should facilitates SMIR members for further studies. The first question, they ask you, who are you in terms of professionalism and new skills are brought. He noted the process of registration for getting practical authorization and Licensing.

Mr Jean de Dieu Tuyisenge Iradukunda, Director of Radiation Safety regulation in Rwanda Utilities Regulatory Authority (RURA), gave his remarks on regulatory view towards safety and security in imaging departments; Where he emphasized on many changes done through appropriate policies and regulation formulation for improving ionizing radiation safety during its utilization.

He recognized that SMIR members are key implementers of different programmes related to radiation protection, because they are knowledgeable in this field and promised that he will keep inviting SMIR committee to get involve and help RURA developing strategic activities with aim to improve working conditions of concerned institutions (hospitals) with inspecting their level of compliance with radiation protection regulations.

SMIR projections towards a standard and recognized profession: Secretary General of society focused on strategies for building the strong association where he emphasized that all graduated medical imaging professionals should become SMIR members and fill membership requirements. He continued by explaining that the standard of professional is set in all aspects from international perspective, SMIR will determine its trends by initiating professional need assessment and their findings will be backbone of all plan including training priorities within career and they will serve in making advocacy of its members for offering good healthcare services in safety way to all Rwandans.

Opportunities in medical imaging career: SMIR president, started by acknowledgment of current professional development and building in Rwanda and it has been achieved because of a good spirit and cooperation of these who loving professional and expended their ideas and now we are at good step with

interconnectivity with international community. Artificial intelligences in imaging will be enjoyed by our members firstly and it will be achieved through a comprehensive continuous capacity building within the professional. SMIR is negotiating many fellowship program for its members and they have a good willing to enjoy with attention for achieving their goal in career development. The nuclear medicine has been started in Rwanda and more radiographers staff will be needed and this should be an alarming sign to all members since they will employee the trained one with upgrades. Also, SMIR members are currently getting many scholarship from IAEA and communication for such information will be kept updates and available to all members.

Panel discussion under moderation of SMIR president has been conducted, where every participant asked the question or provide comments and suggestions to the presenters and speakers responded to their views and finally, most medical imaging practitioners present, were emphasizing on how to build strong SMIR that have autonomy of developing its members in sustainable way including project of initiating training centre and members have a positive will to support the society activities regardless of any cost.

Mr Wilson, President of Society took his time to present the international 2020 year's theme set by ISRTT as "Elevating Patient Care with Artificial Intelligence, radiographers are essential in elevating patient care". In Rwanda context, SMIR has set a national theme named "Toward quality Standard Medical imaging practice". He added that this, the 2nd celebration for Rwanda, and 125 time from international perspective. Without spending time, he allowed the participants to discuss on professional challenges for attainment of quality standards and possible solutions to overcome such kind of barriers for bright future in career development.

In conclusion, he recommended all participants use the developed flyers to share with others through social media by creating professional awareness in their respective community. Many online channels are going to be organized intensively based on identified needs and priorities. Furthermore, advocacy on addressed issues will be continued for a better bright future in our profession. Then departure and closing of the event. ■

MALAYSIAN RADIOGRAPHERS BATTLING COVID-19

REPORT BY NUR HAFIZAH MOHAD AZMI

CORONAVIRUS pandemic (COVID-19) was attacking all around the world. Malaysia started with Movement Control Order (MCO) on March 18, 2020 continue with Conditional Movement Control Order (CMCO) on May 4 and Restoration Movement Control Order (RMC) June 10 last but not least MCO and CMCO implementation again after 3rd wave strike on COVID-19 starting June 10 until December 31, 2020.

Radiographers playing a role as front-liners in fighting COVID-19. During first Wave of COVID-19 the hospital area was change dramatically. It is not because radiographers can't handle infection patients with airborne transmission. It is a change a work process in order managing a large number of COVID-19 patients and how to divide normal patients with COVID-19 patients. A little chaos during the first wave but discussion held every day with all department in Hospital and we become familiar in engaging with the term and situation during COVID-19. In this situation we frequently heard about medical term like donning and doffing, PUI, PUS, SARI, ILI and etc.

The screening process is high precaution taking place during COVID-19 Era. It is difficult if radiographer was contacted with COVID-19 patients eventually department having lack of staff. This burden the other radiographers and I believe COVID-19 test and quarantine process one of the reasons why the staff in healthcare was exhausted. For Malaysian Ministry of Health staffs, if we are

contacted with COVID-19 patients, we are required to take double swab test and quarantine until we received second test result before coming back on daily routine work.

During this COVID-19 Era, Malaysian Society of Radiographers (MSR) held live webinar about radiographers' roles during pandemic COVID-19 on June 26, 2020. MSR inviting diagnostic radiographers from Ministry of Health, private hospital, and radiotherapy to share their opinion on handling COVID-19 on their own facilities. The second webinar was held on October 28, 2020 and was on Medical Imaging Education: New Norms and Challenges. MSR invited medical imaging and radiotherapy lecturers from Universiti Teknologi MARA (UiTM), Universiti Kebangsaan Malaysia (UKM) and Kolej Perubatan Johor University College (KPJUC). In this webinar the speakers highlighted the issue between student and lecturer during online session.

In Malaysia, COVID-19 patients were handling in COVID-19 ward with mobile radiography examination. In worst situation the patients will send for CT Scan room with high precautions taken from sending the patients with emptying the pathway and CT Scan room from normal patients and staff. We share here the radiographer's attire during mobile radiography.

It was new challenge in handling COVID-19 patients, the radiographers itself divided by clean and dirty roles. The dirty



Malaysian radiographers fight against COVID-19



The image was contributed by Malaysian Radiographers



Malaysian radiographers fight against COVID-19

radiographers will need to enter the area and take a bath after every patient. Imagine how they are handling more than 30 patients in every shift so they have to take a bath more than 30 times in every shift. The new norms changing our previous roles and were implemented by radiographers. They also cover the

x-ray cassette with clear plastic cover for every patient. In the end of examination for every COVID-19 patient they have to clean the x-ray cassette and mobile x-ray or CT Scan. This is to avoid the other patients or staff infected with COVID-19. ■

News & Views Editorial submissions & deadlines

Deadline for the three times a year issues are:

- March 10 (April issue)
- July 10 (August issue)
- November 10 (December issue)

All material must be sent electronically. Advertisements and images must be sent as high resolution PDF, TIF, EPS, JPEG files.

You are invited to comment in relation to the ISRRT newsletter editorial content and make suggestions for future issues.

All comments will be considered by the Editor and the Editorial Committee.

Advertisements/Secretariat

A section is reserved for the advertising of educational programs, courses or new radiological texts.

To submit news or to advertise please contact the ISRRT Chief Executive Officer: Mr Dimitris Katsifarakis, ceo@isrtr.org

ISRRT LIVES: CO-HOSTING WITH ITS MEMBER SOCIETY PRESIDENTS

REPORT BY NAPAPONG PONGNAPANG, ISRRT VICE PRESIDENT ASIA/AUSTRALASIA REGION,
YUDTHAPHON VICHIANIN: ISRRT DIRECTOR OF EDUCATION

ISRRT Facebook Live
Professional Practice Series

WEBINAR

*Role of Radiographers in
MR Safety
International Perspectives*



October 18, 2020

7.00 am Central US Time (UTC/GMT)

Technical Live Streaming by
Yudthaphon Vichianin



SPEAKER

Bernard Nyirenda
Radiography Association
of Zimbabwe (RAZ),
President
AFRICA



SPEAKER

Alexandra Lipton
Professional officer senior
service managers and cross
sectional imaging lead
The Society and College of
Radiographers
UNITED KINGDOM



SPEAKER

Nancy Talbot
Interim Manager of Medical
Imaging and MRI Supervisor at
the Princess Margaret Cancer
Hospital
CANADA



SPEAKER

Kate Negus
SMRT ANZ president and
the MRI Supervisor at
University Hospital Geelong
AUSTRALIA

HOST



Napapong Pongnapang
ISRRT Vice President
of Asia/Australia
Thailand

We broadcast via
Facebook Live



ISRRT has developed its Facebook live using Zoom and OBS software as a backend platform for live streaming. The ISRRT FB Live was launched with great success for more than 12 episodes. Thousands of people have reached to each episode; while individual episodes were planned by the ISRRT Board. Leading the team by President Donna Newman, each FB live is hosted by Napapong Pongnapang (Vice president Asia/Australasia region) and technically streamed by Yudthaphon Vichianin (Director of Education). The theme and artwork of each episode was designed by Alain Crompt, the ISRRT Director of Public Relations.

Recently, the ISRRT expanded the ISRRT Facebook Live sessions to include co-hosting with member societies. This new Facebook Live session features the ISRRT President and a member society president co-hosts with an expert speaker from that member's society focusing on current practice and radiation protection topics in the radiography profession. These Facebook Live sessions has created an opportunity to collaborate and share best practice with this coordinated approach resulting in huge support from its member society presidents. In the latest episode, Riaan Van De Venter, associate lecturer in diagnostic radiography at the Nelson Mandela University in Port Elizabeth, South Africa and CPD representative and president-elect of the Society of Radiographers of South Africa was invited as co-host to present in the topic of "EP12: Artificial Intelligence (AI) in radiography practice; International Perspectives"

The episode also featured Dr Naoki Kodama, Regional Coordinator Professional Practice-Asia/Australasia and Professor of Department of Radiological Technology, Faculty of Medical Technology, Niigata University of Health and Welfare, Niigata City, Japan. In addition, Dr Christina Malamateniou, Programme Director, Postgraduate taught and research (MRI), Division of Midwifery and Radiography, City, University of London, United Kingdom was also invited to present in the live session. Special Guest in the live was Hakon Hjemly, ISRRT Vice President Europe/Africa, Norway. This episode has reached more than 16,000 people and was viewed more than 15,000 minutes in total.

Episode 11 was titled "Overview of the current status of artificial intelligence (AI) surrounding the field of radiological medical technology". More than 17,000 people had reached to the ISRRT FB live.

- The speaker in this episode was Shuji Yamamoto, MSc, Ph.D. from LISIT, Co. Ltd. CEO Founder (Tokyo, Japan) and TexelCraft OÜ CEO Founder (Tallinn, Estonia), National Cancer Center, Tokyo, Japan.
- Guests of Honour were Donna E Newman, ISRRT President and Katsuhiko Ueda, the Japan Association of Radiological Technologists's President.

Episode 10 was the "EP10: Role of Radiographers in MR Safety: International Perspectives". This live has reached more than 34,000 people. The speakers were:

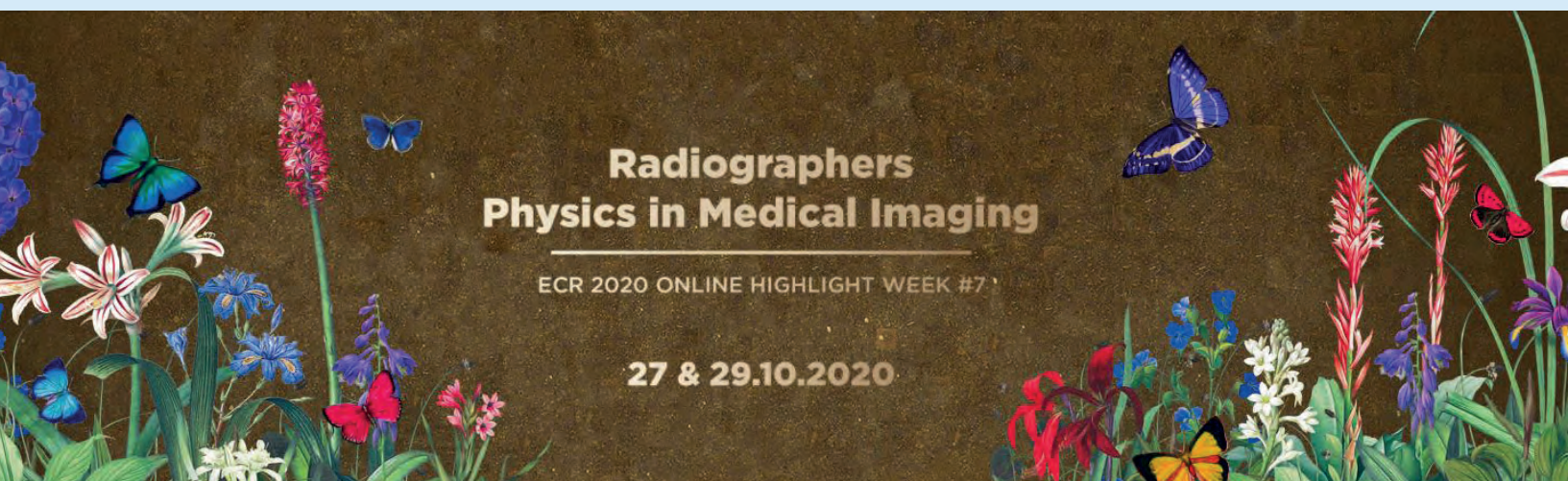
- Bernard Nyirenda, President, Radiography Association of Zimbabwe (RAZ), Zimbabwe
- Nancy Talbot Interim, Manager of Medical Imaging and MRI Supervisor at the Princess Margaret Cancer Hospital, Canada,
- Alexandra Lipton, Professional officer senior service managers and cross sectional Imaging lead, The Society and College of Radiographers, UK
- Kate Negus, SMRT ANZ president and the MRI Supervisor at University Hospital Geelong, Australia ■



ISRRRT PARTICIPATES IN ECR HIGHLIGHT WEEK SEVEN

OCTOBER 27-29, 2020

REPORT BY DONNA NEWMAN ISRRRT PRESIDENT



AS THE world continues with the COVID-19 pandemic the ISRRT continues to find innovative ways to stay involved with collaborative efforts working remotely with our international and regional stakeholders. The European Congress of Radiology continues with their highlight online sessions and the ISRRT was happy to collaborate and participate with the ECR 2020 Online Highlight week 7 'Radiographers/Physics in Medical Imaging' which was presented during the week of October 27-29, 2020.

As your President and as with my fellow Board members we are continuing with our duties using online internet avenues instead of physical meetings and I'm happy to report this has been a great success. The ISRRT believes that the ECR meeting has become an important opportunity for the ISRRT to meet informally with its member societies as well as presenting at scientific sessions and show casing with ISRRT member societies in the ISRRT 'meets session' which has now become a part of the ECR program.

As part of the highlight week 7 for radiographers our joint WHO, ISRRT, EFRS, ISR and ESR session titled, "Addressing shortages in the medical imaging workforce", I presented on behalf of radiographers worldwide in a presentation called 'The view of the International Society of Radiographers and Radiologic Technologist'. I presented the ISRRT's Strategic agenda as part of the WHO's call for action to counter this health care worker shortage. I took this opportunity to present and promote the ISRRT's Reformed Service Model for Radiography – "Four Tier education Radiographer Profession":

1. Assistant Radiographer

An assistant practitioner performs protocol-limited clinical task usually under the direction and supervision of a registered practitioner or could work unsupervised by defining the scope of practice.

2. Radiographer

A practitioner automatically performs a wide -ranging and complex clinical role; is accountable for his/her own actions and for the actions of those they supervise.

3. Advanced Radiographer

An advanced practitioner, autonomous in clinical practice, defines the scope of practice of others and continuously develops the clinical practice within a defined field.

4. Consultant Radiographer/Radiologist Assistant

A consultant practitioner provides clinical leadership within a specialisation, bringing strategic direction, innovation and influence through practice, research and education.

I also presented the ISRRT Strategy to Promote to its member countries the establishment of basic level of education in math and science in high school for all

students. The ISRRT believes that with this strategy the outcome will contribute to ensuring the future workforce has the correct base line education knowledge needed to successfully enter the field as a radiographer/radiological technologist.

As your global organization this gives us the opportunity to collaborate with key stakeholders and fulfill one of our key strategies to develop opportunities to work together to improve our profession and workforce. The ISRRT believes this is a key opportunity to raise the profile of this shortage which will be affecting many professions worldwide over the next 10 years. The ISRRT hopes to find strategies and projects that our stakeholders can collaborate on to help counter this shortage and continue to elevate patient care and safety throughout the world.

As part of this session a panel discussion was also undertaken called 'Radiographers/Physics in Medical Imaging: Safety Education, Research and the Radiographers Workforce Shortage during COVID-19'. I served as a panelist along with Jonathan McNulty EFRS President and Dr Maria Perez World Health Organization. Jonana Santos and Dr Vibeke Logager served as the moderators of the session and presented the questions to the panelist. Interestingly, all the panelist discussed the importance of collaborative efforts to help with research to ensure that information needed for our profession and specifically the outcome of information needed for COVID-19 should become an important focus of all our organizations. Also discussed with panelists was the current trend is the slowdown of most professional organization's projects having a slower response and completion due to members having to concentrate as frontline workers during the COVID-19 pandemic.

Discussions also centered on the one positive outcome from the Pandemic which was the increased communication and education through the use of social and on-line media from professional organizations allowing for continued collaboration.

One area shown in the spotlight of information was the quick response organizations have had in creating documents that were needed due to the COVID-19 pandemic. Dr Maria Perez highlighted the ISRRT's quick response and contribution the





ISRRT made to the development of Annex 1 of the WHO document 'COVID-19 Use of chest imaging in COVID-19 – A Rapid Advice Guide – June 11, 2020' which was developed quickly and produced for imaging professionals to use with access available via the WHO's website. She thanked the ISRRT for the creation of the COVID-19 ISRRT Response Document 'Appropriate And safe use of Medical Imaging and Radiation Therapy with infection control measures consideration in addition to standard radiation protection procedures' which was used in many of the documents that have been prepared in response to COVID-19 pandemic by the WHO and IAEA.

The ECR's, EFRS 'Meets Sessions' started in 2013 following which societies in Europe were invited to highlight their member societies contributions to the profession. The ISRRT 'Meets Sessions' started in 2019 and have continued this year in the ECR program giving ISRRT member national societies an opportunity to share their clinical practice and advancements in artificial intelligence (AI), educational system structure and professional achievements within their country. This year the ISRRT 'Meets Session' was scheduled to highlight Canada and Japan in the ECR program.

One of the highlights during week seven was the ISRRT 'Meets Canada' session featured Alain Crompt, ISRRT Director of Public Relation, who presented the regulatory situation in Canada as it relates to Radiographers and Radiological Technologists. Carrie Bru, Director of Education Canadian Association of Medical radiation, discussed the current and evolving Medical Radiation Technology education programme in Canada. Andrew Murphy highlighted in his presentation, 'AI and Medical Radiation Profession how our advocacy must inform further practice' in which he stated radiographers working alongside AI is a natural step forward but that faster is not better. Steve Decolle discussed 'Quality and Safety' emphasizing that all advancement requires education and that the addition of quality and safety leads to ensuring that the right procedure happens at the right time.

For the 'ISRRT Meets Japan' session Dr Naoki Kodama, ISRRT Regional Coordinator of Professional Practice for Asia/Australia, gave a brief overview of the radiography profession performance and future challenges in Japan. One highlight he talked about was the revision to the

radiological technologist education Law within Japan which included an increase in clinical training which seems to fall right in line with changes coming in all education programmes. Takanori Mauda discussed available techniques for dose reduction in CT imaging technology in Japan. Ryan Kawamorita discussed the advancement of radiation therapy in Japan and how they are using new technology in their patient therapy treatments. Finally, Akihiro Kasuya gave an excellent presentation highlighting the radiological technologist role in emergency medicine in Ultrasound. All presentations can be found on the on-demand program from ECR.

Hakon Hjemly, ISRRT Vice President of Europe /Africa participated in the Quality and Standards session giving a talk titled, 'Professional Issues; from Education to Research'. This was a joint multidisciplinary session with radiographer, radiologist and a physicist presenting their perspectives on quality and standards in their professions. Hakon highlighted the important role radiographers play in ensuring quality assurance and quality control in medical imaging. Hakon also emphasizes that ICRP-16 it states that the radiographer has a key position regarding the use of ionizing radiation and according to their knowledge and skill can broadly decide the amount of dose administered to patients. (Annals of the ICRP Vol. 10 No 1 1983, Pergamon Press.) Also highlighted in his presentation was the essential role that radiographers have in the radiological team to ensure the delivery of safe, cost-effective, and high-quality diagnostic imaging. Finally, Hakon discussed that quality and standards need to be part of the education of radiography students. ■

Objectives: WHO Call to Action Addressing 18 million Care worker Shortage

C 31 - Addressing shortages in the medical imaging workforce

1. To discuss the shortages of health care workers, in particular radiographers/radiological technologists and radiologists, globally and regionally in Europe
2. To explore key considerations related to the WHO's call for action campaign, which addresses the shortfall of 18 million health workers
3. To discuss the involvement of global and regional stakeholders in collaborative action to address the workforce shortfall



Wed 18th - Sat 21st August 2021 Convention Centre, Dublin, Ireland

Dear Colleagues,

We cordially invite you to celebrate the ISRRT's 21st World Congress with us in Dublin Ireland in August 2021.

The ISRRT represents over 500,000 members from 94 member countries as the global voice of Radiography and hosts its World Congress every 2 years, rotating across all the continents of the world.

ISRRT Dublin 2021, offers you a quality meeting together with great social and networking opportunities with other Radiographers and Radiologic Technologists from around the world. For 60 years, the ISRRT World Congress has been the most prestigious radiography profession conference globally acting as a key forum where clinical experiences and clinical practices from around the world are presented and discussed.

The ultimate goal of the Congress is to continually improve the care delivered to our patients by facilitating professional and service developments through shared learning. The Congress provides a platform for clinical radiographers/radiological technologists, academic educators and researchers from around the globe to showcase their new and innovating concepts.

The current COVID-19 pandemic which we currently face has forced us to rethink the way we work and to adapt to change at an unprecedented pace. Our profession has rose to this challenge, demonstrating our commitment to our patients. Now more than ever, we need to share our experiences and learn from one another. The theme for next years Congress is professional pride and we have never been more proud of our profession.

We look forward to welcoming you to Dublin next year,

The Organising Committee of the 21st ISRRT World Congress

REGISTRATION FEE		
Early Bird	€450	Full conference including opening ceremony, welcome reception and closing ceremony. Exhibition
Day Registration	€180	Single day conference attendance, including opening ceremony, welcome reception and closing ceremony. Exhibition
Student Registration	€75	Full conference including opening ceremony, welcome reception and closing ceremony. Exhibition
Accompanying Person	€100	Opening ceremony, welcome reception and closing ceremony. Exhibition

CONVENTION CENTRE, DUBLIN



NORDIC RECOMMENDATION FOR CONTINUOUS PROFESSIONAL DEVELOPMENT (CPD) FOR RADIOGRAPHERS

How to incorporate/implement lifelong learning in radiography and radiotherapy departments

REPORT BY TIINA NOUSIAINEN, FINLAND, BODIL-T ANDERSSON, SWEDEN, BENT RONNY MIKALSEN, NORWAY, CHARLOTTE GRAUNGAARD, DENMARK, KATRIN SIGURDARDOTTIR, ICELAND



Introduction

Throughout working life, radiographers need to maintain, develop and acquire further knowledge, skills and competences relevant to their scope of practice. Radiographers have an ongoing responsibility to engage in personal and professional skills development (EFRS Code of Ethics, 2010).

The profession, the role of radiographer and quality of patient care within medical imaging, nuclear medicine and radiotherapy has changed over the past number of decades. This is due to significant technological and professional development and increasing demands in our profession. Radiography remains subject to constant change. It is important to facilitate CPD in the Nordic countries to ensure free movement of radiographers within the region. Furthermore, it will improve safety culture and evidence-based practice for the benefit of patients, personnel and the public.

The Nordic Society of Radiographers (NSR) recommendation on CPD for radiographers follows the EU Council Directive 2013/59/Euratom, which states that "member states shall ensure that continuing education and training after qualification is provided", and statements from the European Federation of Radiographer Societies (EFRS) and the International Society for Radiographers and Radiological Technologists (ISRRT).

Institutions and radiographers who provide health services must ensure that they are providing training, further education, and continuing education, necessary for the individual to be able to perform their work professionally, today and in the future.

Background

CPD Definition

NSR endorses the EFRS definition of CPD being 'the continuous learning process required to maintain, develop and improve one's knowledge, skills and competences to work effectively and safely'. CPD scheme supports this continual process of skill development and its maintenance. Considerable variation exists in both interpretation and its application. Terminology such as: 'continuing

education' and 'lifelong learning' are often used interchangeably with CPD in the published literature.

NSR recommendations on CPD credits

The definition of a CPD credit is the time spent for the radiographer to be in active learning. Active learning is defined as actual time spent obtaining knowledge related to CPD. CPD must contain learning objectives, be recorded/documented and available for audit purposes. One CPD credit is equivalent to 45 minutes of learning activities, which is a minimum of duration. Institutions providing health services produced by radiographers, should ensure that they obtain continuing professional knowledge for a recommended minimum of 50 CPD credits per year.

Safety issues

Radiographers should have annual training and update on relevant safety issues in relation to professional responsibilities and tasks* and/or to meet national legislation requirements. All radiographers and radiation therapists should have annually update on precautions against infectious diseases and training in use of Personal Protective Equipment.

* X-ray, Computed Tomography, Fluoroscopy, Nuclear medicine, Sonography, Interventional Radiology, Radiotherapy, Magnetic Resonance Imaging.

Structure of the CPD training

Continuing professional development after graduation can be seen as lifelong learning and is an accepted concept as an ongoing process (EFRS, 2018). The overall goal of CPD is providing a systematically and well-structured professional and personal development for the radiographer, adapted to the competency needs in the clinical setting. It is recommended that all radiographers, within the scope of their profession, have an individual plan for competence development, documented and regularly updated. CPD is a shared obligation between the employer and employee.

CPD activities

A CPD activity would normally be conducted in addition to normal clinical practice.

Examples of CPD activities, but not limited to:

Courses:

- Study days
- User meetings with focus on modalities
- E-learning
- Independent studies
- Workshops / seminars

Study circles:

- Journal club
- Literature search
- Review of current research

Study visits:

- Radiology and radiotherapy departments
- Industrial companies
- Organisations

Lecture / Presentation:

- Local
- National
- International

Research and Quality Assurance:

- Developing project
- Clinical audit
- Developing and updating of procedures
- Managing and/or participating in research
- Reviewing of article

Publication:

- Conference abstract
- Poster
- Popular science journal
- Scientific journal
- Review article

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WORLD RADIOGRAPHY DAY 2020 - CELEBRATIONS FROM AROUND THE WORLD

NOVEMBER 8, 2020 REPORT BY DONNA NEWMAN ISRRT PRESIDENT

WORLD RADIOGRAPHY DAY traditional celebrations had to be adjusted this year due to restrictions on travel and in person gatherings as a result of the COVID-19 pandemic. As your president and from the ISRRT Board of Management we celebrated and recognized radiographer's knowledge, skills, expertise and the care taken each day to support your patients as frontline healthcare professionals during this pandemic.

Traditionally, most of the ISRRT Board of Management is traveling to celebrate with our members at one of their national conferences to mark this important day. I celebrated with my staff and fellow professionals at work and via social media on the ISRRT Facebook live sessions with many of you. How did you celebrate?

In true tradition, the ISRRT found ways to carry on old traditions and found new traditions to bring forward to celebrate our World Radiography Day via the social media platform. As your president I couldn't be more pleased with our members support and virtual celebrations that contributed to our public relations campaign.

ISRRT continues to support you as your global organization and stay committed to our mission to improve the delivery of healthcare to people around the world by promoting quality patient care, education and research. As our members, ISRRT asked you to embrace our core values: Promoting Professionalism and Integrity and bringing excellence and compassion in the delivery of medical imaging and radiation therapy for the patient which in true fashion is celebrated on World Radiography Day.

One old tradition that has gained popularity from last year was the tradition of publishing a special edition magazine to help raise awareness around important current topics that was relevant and affecting our profession to celebrate World Radiography Day. Because ISRRT received such a positive response from this project the board of management agreed to again continue this tradition of collaborating with expert members and members societies to publish a second special edition magazine to mark the celebration of World Radiography Day. Today, we see Artificial Intelligence (AI) providing useful tools for the radiographer's daily practice but there is a perception that AI will replace the radiographer. This year's theme was chosen to raise awareness, help educate and shape the perception of the vital role radiographers/radiologic technologists play as part of the health care team in elevating patient care while using artificial Intelligence during our work day. The second edition was developed to help drive the ISRRT key messages of creating, influencing and impacting change within your country and daily practice. As AI technology advances radiographers will focus on what they do best, to act as an interface between the patient and imaging and radiation therapy procedures and use their compassionate human touch to care for the patient during those difficult times. This is essential for the delivery of an efficient, effective and caring health care system. We hope you enjoy this second edition which can be found at the ISRRT website (www.isrtrt.org) under the communication tab.

Another old tradition that ISRRT continued with is promoting the official World Radiography Day celebration poster for its members use during their celebration. The poster was created to help raise awareness that Radiographers are essential in elevating patient care through AI. As your board we couldn't have been more pleased with the outpour of use from our members with our posters. You can find many of these pictures and stories of radiographer's celebration throughout this issue and on our ISRRT Facebook page.

Although the world is experiencing a pandemic, positive experiences can arise from these difficult times. A new tradition was started with the ISRRT to celebrate World Radiography with November 8 marking ISRRT's first World Radiography Day virtual Facebook live session using the theme "Artificial Intelligence in radiography practice: An International Perspective". ISRRT invited experts from each of the three regions who had authored articles for the special edition to present their perspective on our Facebook live session in celebration of World Radiography Day! Dr Christina Malamateniou highlighted the European perspective on AI in radiography practice with emphasis on radiographers needing to create its own evidence in the following areas: Ethics of AI, Impact on workflows, patient centered care, emotional intelligence, AI innovation and validation of AI tools. Dr Malamateniou also described that academia will become the agent of change through their research and education citing that cross-discipline and cross-university collaboration are essential for success. Håkon Hjemly, ISRRT Vice President, Europe Africa presented the ISRRT-EFRS Joint position Statement on AI and the radiographer/radiological technologist profession. Håkon Hjemly emphasized the importance that radiographers need to play an active role in planning, development, implementation, use and validation of AI application in both medical Imaging and radiation therapy. Also presented was the second phase of the joint project in which a Delphi study will be undertaken jointly by both organizations. Look to the ISRRT media for more information relating to this project. Riaan Van De Venter gave the South African perspective of AI in radiography practice. Riaan describe the current practice with AI in South Africa and described that Universities are just now starting to introduce students to AI. One main point was that AI will advance our profession and bring changes to the radiographer's roles in daily practice but this technology will never replace radiographers. Finally, Dr Naoki Kodama, ISRRT regional coordinator of professional practice presented the Asian perspective on AI. Dr Kodama highlighted that AI in Japan has helped reduce reimaging and patient exposure dose. Also highlighted was that AI has found new opportunities for new roles with emphasis on more education needed to ensure this success.

As always, these sessions are recorded and available to watch via our website under the education tab and the subtab titled achieved Facebook live sessions. ISRRT hopes that our old and new traditions will become part of our members societies celebration for World Radiography Day around the world. ■

WORLD RADIOGRAPHY DAY: INDONESIA

NOVEMBER 8, 2020



| In Jakarta, fellow radiographers celebrating with hospital staff and colleagues.

EVERY November 8, radiographers around the world celebrate this day as World Radiography Day. This commemoration was created to mark the discovery of X-rays by Wilhelm Conrad Roentgen in 1895. Through World Radiography Day we celebrate and create public awareness about diagnostic imaging and radiation therapy and promote the important role radiology plays as part of plenary health care.

Indonesia followed the theme of the 125th WRD set by the ISRRT, which is “Elevating Patient Care with Artificial Intelligence, Radiographers are Essential in Elevating Patient Care” shows the important role of radiographers in health services through the application of Artificial Intelligence in improving radiology services.

As a profession that has professional standards, competency standards and code of ethics, Indonesian radiographers are required to understand the basic principles of radiation protection for all patients and society such as the principles of Justification, Optimization and Limitation. Radiographers are committed to ensuring the principle of radiation protection is part of their daily work, always improving services for the entire community by upholding the values of professionalism and integrity in medical imaging and radiation therapy services.

Every radiographer had the opportunity to celebrate World Radiography Day 2020 either personally, organizationally or with patients. In 2020, PARI Indonesia celebrated in various ways, including the WRD campaign using the WRD 2020 profile photo on social media, holding an Indonesian Radiographer Webinar, celebrating online and conducting community service in hospitals.

The initial series of activities were the WRD campaign using the World Radiography Day profile photo posted by all radiographers, WRD 2020 posters printed and hoisted during the online ceremony.

Next, Indonesian Radiographers celebrate WRD 2020 together by attending the Indonesian Radiographers Webinar held by the central board of the Indonesia Society of Radiographers. The recorded webinar can still be watched on the PARI youtube channel at youtube.com/c/pari_official at <https://youtu.be/tX30XXJk0f4>

In each region, radiographer colleagues hold various events, such



as community service at their workplaces by distributing health packages containing additional food, health supplements, face masks, educational brochures and others. Hopefully this community service activity can help all patients and spread the message and goals of WRD 2020 to all parties.

Happy 125th World Radiography Day in 2020 to all of us. ■



■ In Banten Province, radiographers celebrate with staff and patient.



■ Radiographers, hospital staff and patient celebrate.



■ In diagnostic radiology, fellow radiographers gather with colleagues to celebrate.

WORLD RADIOGRAPHY DAY: MALAYSIA

NOVEMBER 8, 2020

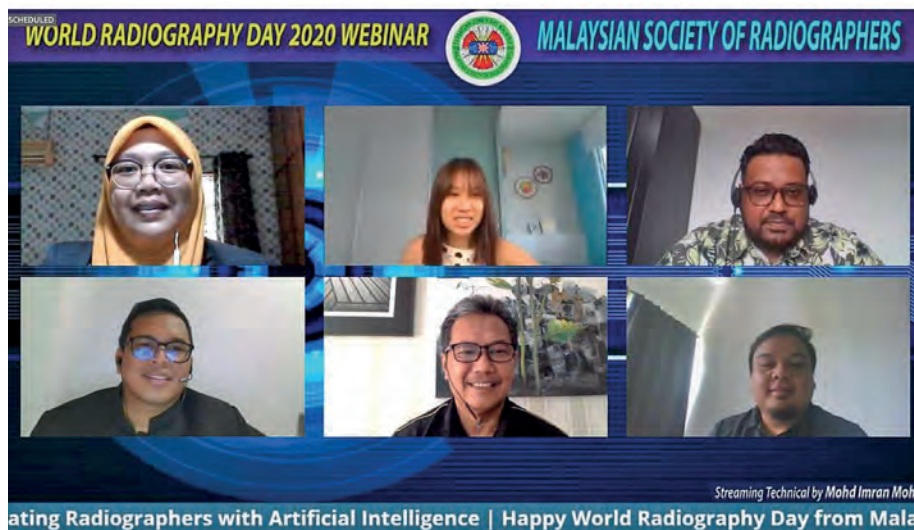


ON NOVEMBER 8, 2020, The Malaysian Society of Radiographers (MSR) celebrated World Radiography Day 2020 with a 2nd live webinar (pictured middle right) about the topic Elevating Radiographers with Artificial Intelligence (AI).

This online session took place for 2 hours and 30 minutes in the morning and was viewed by 2.1k on Facebook live. The speakers with a radiography background were invited to share their presentations about Artificial Intelligence.

Mr Mohd Esnu Halim, speaker from Fujifilm based in Singapore gave his presentation about AI in Digital Radiography, MR Ahmad Aizuddin from SIEMENS Malaysia presented AI in MRI, Mr Sarvaviknesh, speaker from Canon Medical System Malaysia presented AI in CT Scan, and Mrs Stephanie from VARIAN based in Singapore presented about AI in radiotherapy. ■

Nur Hafizah Mohad Azmi
MSR Editor



WORLD RADIOGRAPHY DAY: SRI LANKA

NOVEMBER 8, 2020



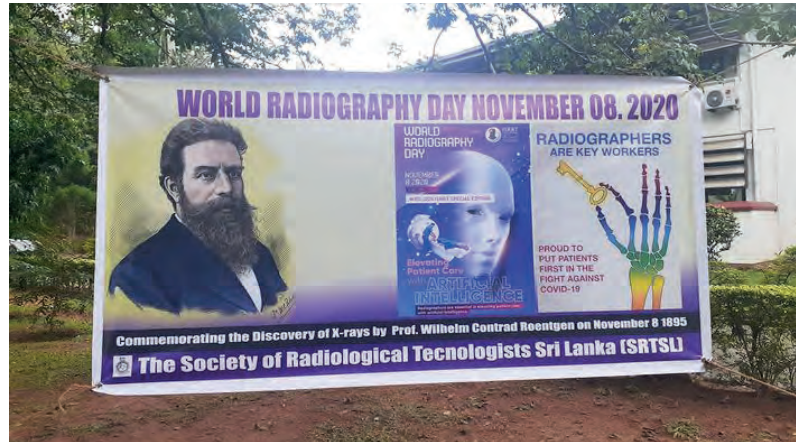
| Celebrating World Radiography Day with the garlanded statue of Roentgen at the National Hospital of Sri Lanka.

THE Society of Radiological Technologists – Sri Lanka also had to face a lot of problems when organizing the activities to celebrate World Radiography Day 2020. This year the annual general meeting also could not be held in time in July due to the first outbreak of COVID-19 in March. When the spread of pandemic subsided in August, we planned to celebrate the WRD with a scientific session and to have the AGM on November 8. Everything was under control until the 2nd eruption of the pandemic in late September. The government declared partial lockdown of certain areas and banned all social activities including meetings. So the planned scientific session and the AGM had to be cancelled. However printing of the 'Radiographer', our annual publication will take place as usual.

We held scattered activities confined to major hospitals. Banners were displayed in major hospitals and localized small scale meetings were held to communicate the importance of our profession to general public. Mr M.I.M. Jabir, Secretary of the society had the banners printed and distributed to the hospitals.

The major event was honouring the father of radiography, Roentgen. It was held in the radiology department in the National Hospital of Sri Lanka to pay tribute to Roentgen by garlanding his statue on November 8, 2020. The Deputy Director General of the National Hospital, Dr Wickramasinghe garlanded the bust statue of Roentgen and paid respect with the gathered small crowd including the Director of the hospital Dr Lionel Muhandiramge, Superintendent Radiographer Mr Weerasinghe with some radiological technologists.

In addition we organized to broadcast a special half an hour discussion on the national radio to communicate our activities and the importance of our profession. The image below shows the



poster published for the radio programme. M. Chatura Horadigala, our Editor and a council member, organized the event.

A similar programme was telecast on the Nation television on November 8. Mr Michel Weerasinghe, the Superintendent Radiographer of the National Hospital of Sri Lanka, and Mr Saman Suraweera, our council member participated in the event. ■

V.G . Wimalasena

President & ISRR Council Member

Society of Radiological Technologists Sri Lanka



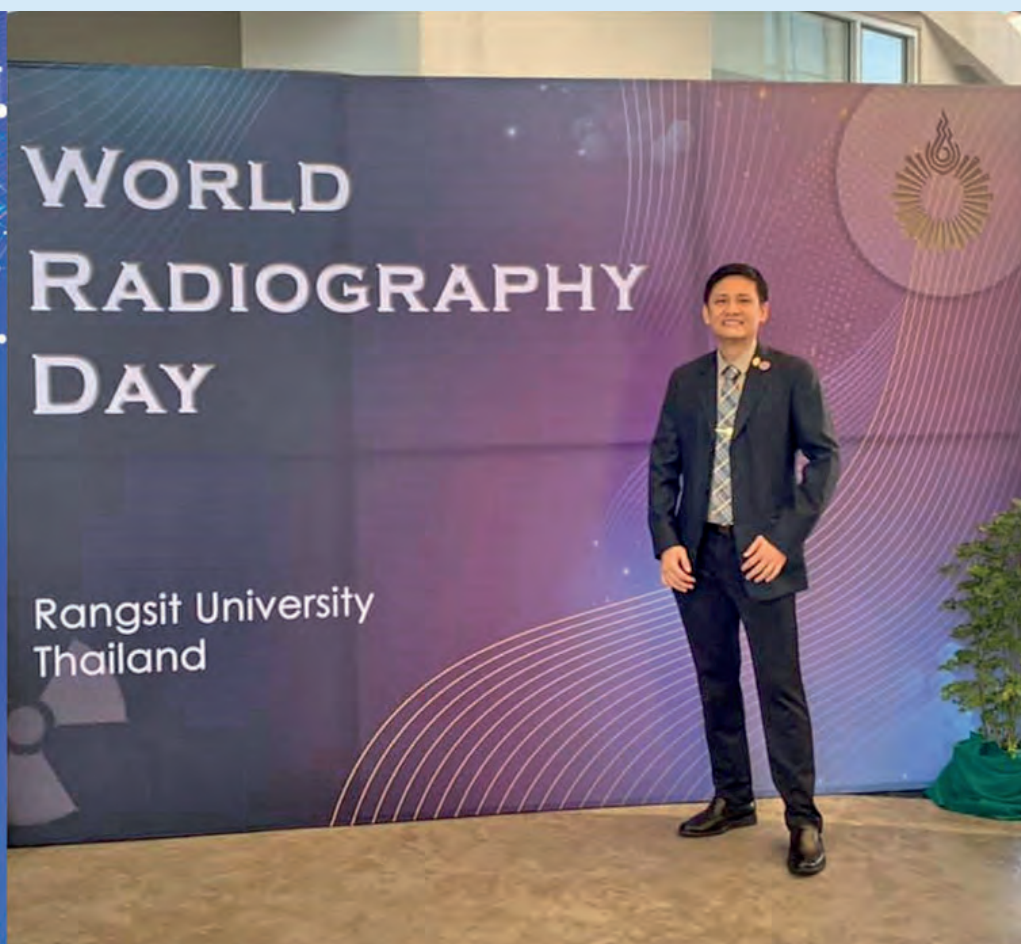
■ Mr Michel Weerasinghe.



■ Dr Wickramasinghe garlanding the Roentgen's Statue.

WORLD RADIOGRAPHY DAY: THAILAND

NOVEMBER 8, 2020

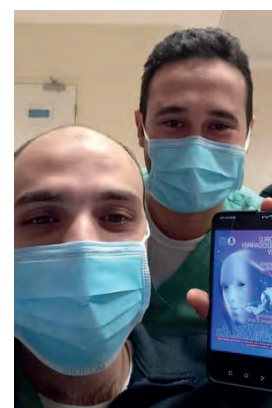


DURING this period of the year in November, we have an important event in Thailand at Rangsit University (<https://www2.rsu.ac.th/home>). The World Radiography Day is celebrated every year here. In this meeting, radiographers/radiological technologists as well as students in RT program from various universities throughout Thailand join in this event. I was invited to give a talk on the topic of "Education for RTs in the Artificial Intelligence Era" in the event. This year more than 300 participants joined the WRD2020 celebration. Student senior project presentations were presented in the afternoon session of this meeting. It was my honor to present the certificates to all presenters in the event.

In addition, an online social media campaign with the WRD2020 ISRRT poster as drafted as world-wide activities. A large number of radiographers/radiological technologists around the world joined this fun activity posting their selfie images together with the ISRRT WRD 2020 poster. The poster was designed under the direction of our Director of Public Relations, Alain Crompt.

After the WRD2020 social media campaign was completed, a thank you video was draft and crafted by Yudthaphon Vichianin, Director of Education. The video gathered the photos from the ISRRT Facebook page and was combined and exported into around an 8 minute-long video file. The video was then posted on the ISRRT Facebook page, to thank all participants who joined in and had fun with the social event to celebrate the WRD 2020 together. Around 5,000 people have reached to this thank you video at this link <https://fb.watch/1Tz3q3pRJQ> ■

Yudthaphon Vichianin
ISRRT Director of Education



PROFESSIONAL PRACTICE DIRECTOR'S REPORT

REPORT BY STEWART WHITLEY ISRRT DIRECTOR PROFESSIONAL PRACTICE

I AM PLEASED to report that ISRRT continues to play an important and pivotal role in representing the radiography profession on the world stage. ISRRT is constantly engaged in various activities of the WHO and the IAEA helping to shape the safety culture and professional standards for all our diagnostic and therapy radiography professionals. This has been particularly true and important during the COVID-19 pandemic period. At the time of writing ISRRT representatives have continued to have been active in producing and circulating a number of helpful guidance documents, taking part in many virtual meetings and contributing to many WHO and IAEA initiatives.

This report highlights those activities and involvements.

World Patient Safety Day (WPSD), September 17, 2020



Recalling resolution WHA55.18 [2002], which urged Member States to “pay the closest possible attention to the problem of patient safety and to establish and strengthen science-based systems, necessary for improving patients’ safety and the quality of health care”, the seventy-second World Health Assembly (WHA72), in May 2019, adopted WHA72.6, a resolution on ‘Global action on patient safety’, also recognizing patient safety as a global health priority and endorsing the establishment of World Patient Safety Day which this year was observed on 17th September, echoing that no one should be harmed in health care.

This year the theme was ‘Health Worker Safety: A Priority for Patient Safety’ with the slogan: ‘Safe health workers, Safe patients’ and a Call for action: ‘Speak up for health worker safety’

The goals for WPSD 2020-21 are:

WPSD Goal 1: Prevent sharps injuries

WPSD Goal 2: Reduce work-related stress and burnout

WPSD Goal 3: Improve the use of personal protection equipment

WPSD Goal 4: Promote zero tolerance of violence against health workers

WPSD Goal 5: Report and analyse serious safety incidents

Radiographers and radiological technologists will be familiar with the objectives of all these goals.

ISRRT celebrated this Special Day by hosting a live webinar on the actual day with the objectives to:

- Raise global awareness about the importance of health worker safety and its interlinkages with patient safety
- Engage multiple stakeholders and adopt multimodal strategies to improve the safety of health workers and patients
- Implement urgent and sustainable actions by all stakeholders which recognize and invest in the safety of health workers, as a priority for patient safety
- Provide due recognition of health workers’ dedication and hard work, particularly amid the current fight against COVID-19

The keynote speaker was Dr María del Rosario Perez, World Health Organization (WHO), Stewart Whitley Director of Professional Practice, Chek Tan Wee (ISRRT Regional Director Asia/Australia, Pam Black ISRRT Regional Coordinator of Europe for Professional Practice and Tim Agadakos Regional Director of Europe.

This was an interesting and informative event covering many aspects of patient safety associated with Radiography and addressing the objectives listed above.

Maria Perez gave a comprehensive presentation titled ‘Safe workers, safe patients; role of radiographers and radiological technologists – WHO’s view’. Maria gave an excellent account of the WHO’s objectives and function in the role of promoting Universal Health Coverage and emphasising the WHO Patient Safety Flagship: A Decade of Patient Safety 2020-2030 with an overview of the corresponding Action Plan.

Maria also highlighted ISRRT involvement in addressing the Bonn Call for Action and our role in the recent WHO COVID-19 response to chest imaging and COVID-19 infection control mechanisms.

All the presentations were screened live and recorded on Facebook.

Quality Control

The IAEA will soon be publishing a document entitled ‘Handbook of Basic Quality Control Tests for Diagnostic Radiology’. This will

be a very large and comprehensive document detailing those tests that can be undertaken by radiographers and physicists. It will cover all aspects of Radiography, Mammography, Computed Tomography, visual display units and film-screen systems including film processing.

Tests will be described in detail together with information on equipment used, tolerances, frequency, and references.

ISRRT contributed to this process with Dimitris Katsifarakis and Stewart Whitley representing the radiographers' voice, this has been an ongoing project starting off April 2016.

Watch this space.

Safety

Safety and Safety Culture in the Imaging and Radiotherapy Departments are always uppermost in the minds of radiographers and radiological technologists. These essential and important topics encompass the safety of patients, staff and public.

In support of its stance on Safety and Safety Culture ISRRT has formed a small team which is developing a helpful guide called 'ISRRT Safety Guidance in Diagnostic Imaging and Radiation Therapy Departments - Creating a Safety Culture'.

Go to www.isrrt.org/safety-and-safety-culture

This document when completed will build on existing ISRRT advice on radiation protection matters and will encompass the safety requirements of all imaging modalities and radiation therapy including risk management and good governance.

In progressing this document we would like to understand individual country guidance on radiation protection for diagnostic imaging and radiation therapy, MRI safety, ultrasound safety, contrast media and medicines safety and general health and safety so that we can build up a comprehensive reference guide. Please forward your information to Stewart Whitley aswhitley@msn.com

IAEA Technical Meeting (Virtual) October 19-23, 2020 - Justification and Optimization of Protection of Patients Requiring Multiple Imaging Procedures and development of corresponding Joint Position Statement and Call for Action

Overview

Over 90 registered participants and experts attended this meeting



including 72 participants from 21 IAEA member States and 11 international organisations and international bodies.

The purpose of the event was to review the latest data on patient exposure from recurrent radiological imaging and to agree on the further guidance and actions needed to strengthen justification and optimization of protection of patients whose medical conditions require multiple imaging procedures.

Central to the meeting is the concern that with the wider utilization of radiation exposure monitoring systems, information has become available recently that the number of patients who accumulate effective dose of 100 mSv and higher in a few years from recurrent computed tomography procedures is greater than previously known and might concern nearly one million patients globally per year and one out of five such patients is likely to be below 50 years of age.

This meeting, in fact, was one of many Technical Justification and Optimization meetings held over the years at which ISRRT has made many contributions. Additionally, the meeting was held to consider the IAEA draft 'Joint Position Statement and Call for action for strengthening radiation protection of patients requiring recurrent radiological imaging procedures.

There were excellent presentations dedicated to bringing more understanding to the following objectives: -

- What we currently know about radiation doses and risks in recurrent imaging
- Identification of needs for guideline development
- Deliberate on technology advances that can result in the optimization of protection for patients with recurrent procedures
- Learn from local experiences and position of different group of professionals and patients
- Identification of fields for future research on recurrent imaging

The meeting ended by referring to the latest draft position statement with the task now of completing it with the opportunity of organizations to add further suggestions.

This was a truly a historic meeting.

ISRRT Contribution

On Thursday October 22, the focus for the day was on 'Improving justification, optimization and communication in clinical settings: learning from experience'. In the afternoon Stewart was able to speak at the session entitled 'Information and actions from professional organizations.' Representatives from the International Society of Radiologist (ISR), Image Gently, International Organization for Medical Physics (IOMP) and European Federation of Organizations for Medical Physics (EFOMP) also presented.

Stewart outlined what ISRRT had accomplished in terms of its many programmes and initiatives in developing and promoting an understanding of the radiographers/radiological technologist

role in the Justification and Optimization processes and promoting standards in QA/QC in CT, Mammography and Digital Radiography. He also drew attention to the many positioning statements that had been published including justification and optimization and those related to the safety of patients – illustrating the justification flow chart algorithm outlining all the stakeholder roles.

Joint position statement and call for action for strengthening radiation protection of patients requiring recurrent radiological imaging procedures

Purpose

The purpose of this Position Statement is to provide guidance for medical conditions that require recurrent radiological imaging, with the goal that patients receive the needed medical care without being exposed to unnecessary radiation risk. Recurrent radiological imaging is justified in many clinical conditions. However, this heightens the responsibility of authorities, manufacturers and health professionals to develop and implement suitable strategies and solutions focused upon radiation protection for groups of patients that may undergo recurrent medical imaging procedures.

ISRRT was invited to contribute to the development of the Joint Position Statement associated with the meeting, which consisted of several other organizations contributing including the WHO. The position statement will soon be finalised and will provide a number of important actions that are needed to address this important topic.

Participants were invited to suggest a suitable 'acronym' for a program that may be an outcome of the technical meeting. ISRRT has made a suggestion but we wait for the final decision and the publication of the final position statement and call for action. These will be circulated as soon as they are available.

Seventy- Third World Health Assembly (WHA) – Geneva, Switzerland November 9-14, 2020



The World Health Assembly is the decision-making body of WHO. It is attended by delegations from all WHO Member States and Non State Actors and focuses on a specific health agenda prepared by the Executive Board. The main functions of the World Health Assembly are to determine the policies of the Organization, appoint the Director-General, supervise financial policies, and review and approve the proposed programme budget. The Health Assembly is held annually in Geneva, Switzerland.



Zoom capture of some of the WHO member state country delegates along with other Non-state delegates such as ISRRT.

At the time of writing I have had the privilege of attending, on behalf of ISRRT, the virtual 73rd WHA meeting held from Geneva, Switzerland over the dates November 9-14, 2020.

This meeting, which normally takes place in May, was deferred because of the COVID-19 pandemic and has been held virtually using Zoom software. Sessions have been held daily with morning and afternoon packed agendas. In addition to the plenary sessions two committees were established to consider a range of topics with Committee 'A' dealing with health matters and Committee 'B' addressing WHO managerial, administrative, staffing and governance structures with some health matters transferred to the committee.

Central to the initial discussions were matters relating to COVID-19 and the experience of Member State countries in dealing with the pandemic and expressing their ideas for future actions and how lessons learnt and can be employed for a future virus pandemic.

Committee 'A' considered a range of health issues making recommendation and decisions which were approved by the Assembly. The agenda was structured in accordance with the WHO's Pillar Goals which support their Universal Health Coverage goals:

Pillar 1: One billion more people benefitting from universal health coverage



Nurses Choir from Tonga who inspired the meeting delegates.

Dr Tedros Adhanom Ghebreyesus, Director General, WHO and President of the Assembly, Ms Keva Bain from the Bahamas at the opening ceremony.



Pillar 2: One billion more people better protected from health emergencies

Pillar 3: One billion more people enjoying better health and well-being

Pillar 4: More effective and efficient WHO providing better support to countries

Topics discussed included:

- Global vaccine action plan
- Accelerating the elimination of cervical cancer as a global public health problem
- Ending tuberculosis
- Epilepsy
- Neglected tropical diseases
- Global strategy and plan of action on public health, innovation and intellectual property
- WHO's work in health emergencies
- Influenza preparedness
- Cholera prevention and control
- Poliomyelitis with emphasis on Polio eradication and Polio transition planning and polio post-certification
- Decade of Healthy Ageing
- Maternal, infant and young child nutrition
- Accelerating efforts on food safety

Invited distinguished guests addressed the Assembly with representatives from Member States and Non State organisations making verbal or recorded statements. These statements addressed specific issues related to the agenda items with these statements and discussions contributing to the agreed resolutions and decision making process. These can be found at https://apps.who.int/gb/statements/WHA73_RESUMED/

An award ceremony, consisting of six prizes, was conducted at the meeting with certain individuals receiving prizes in recognition of their outstanding contributions to public health development. Over the years, the prizes have been awarded to a wide range

of recipients: well-known scientists and researchers; other dedicated individuals or entities who have greatly contributed through their work to the advancement of public health; and to institutions caring for the health of local communities. Details of the awards can be found at https://apps.who.int/gb/ebwha/pdf_files/WHA73/A73_INF1-en.pdf.

The full agenda, recordings of the proceedings, statements and outcomes of all the discussions can be found on the World Health assembly Journal website under WHA73 https://apps.who.int/gb/e/e_wha73.html

A common thread discussed by many member states was recognition of the key role of 'Frontline Health workers' during the pandemic, putting their lives at risk and working tirelessly on behalf of humanity by looking after their patients. The President of the Assembly, Ms Keva Bain from the Bahamas, thanked all the Non State Actors such as ISRT for their valuable work in support of WHO.

In recognition of this WHO declared that 2021 will be the year of 'Health and Healthcare Workers'. As radiographers and radiological technologist we have something to be proud of!

REGIONAL COORDINATORS REPORTS

The ISRT Regional Coordinators for Professional Practice continue to monitor and report on activities in their respective Regions. I am pleased to include reports from Christopher Steelman, Regional Coordinator for The Americas, and Elizabeth Balogun Regional Coordinator for Africa.

Christopher Steelman (USA) - The Americas

Radiological Society of North America Data Generates Imaging Algorithm

Artificial intelligence (AI) tools and technology are playing a key role in many aspects of the COVID-19 pandemic. At the University of California, Irvine, (UCI), for example, two radiologists are part of a multidisciplinary team of doctors who developed an AI application now being used to help doctors at the UCI Medical Center assess the potential severity of a COVID-19 patient's condition.

The AI tool, or vulnerability scoring machine, uses machine learning (ML) to calculate the likelihood that a COVID-19 patient will need a ventilator or some form of escalated care. The tool is trained on the historic data available at UCI and new data coming from the UCI system. Using that data, the researchers were able to identify 13 lab values and risk factors that have proven to be predictive, and use that data to develop a risk prediction score to help determine the level of care a patient will need. The data used for the project came from the 2018 RSNA Pneumonia Detection Challenge in which teams were tasked with building an algorithm that could detect a visual signal for pneumonia in medical images.

Source: www.rsna.org/news/2020/August/AI-Predictive-Tool

State Leaders Urged to Address “Inequitable” Louisiana Law

The American Society of Radiologic Technologists is urging government officials to take quick action after a Louisiana bill meant to benefit to essential personnel in the COVID-19 response has overlooked radiologic technologists and radiation therapists.

A letter from ASRT President, Michael Odgren to the Secretary of the Louisiana Department of Revenue and to Louisiana Gov. John Bel Edwards points out that radiologic technologists and radiation therapists are deemed as essential workers in the federal Cybersecurity and Infrastructure Security Agency’s publication “Guidance on the Essential Critical Infrastructure Workforce: Ensuring Community and National Resilience in COVID-19 Response Version 3.1” which is also cited in the Louisiana bill. However, radiologic technologists, radiation therapists and many other allied health care providers are not included on the list of professions included on the Department of Revenue’s website.

ASRT’s letter says, in part, “Providing the tax rebate only to the professions listed on the Department of Revenue’s website is inequitable and potentially divisive to the entire team of health care workers who provide direct patient care to COVID-19 patients.” In the letter to the governor, ASRT calls for an executive order revising the list to include radiologic technologists and radiation therapists.

Source: www.asrt.org/main/news-publications/news/article/2020/07/17/state-leaders-urged-to-address-inequitable-louisiana-law

ASRT & RAD-AID Foundation Expand Outreach Fellowship

RAD-AID and the ASRT Foundation now offer volunteer opportunities for ASRT members interested in joining the RAD-AID USA Healthcare Disparities Initiative. This program empowers radiology and radiation oncology outreach to foster health equity for medically underserved communities. These communities and populations have historically suffered disproportionate mortality and morbidity across a range of conditions due to barriers in accessing health care. Selected applicants for this program will receive the RAD-AID ASRT Foundation Outreach Fellowship award in the amount of \$2,000. Preference will be given to applicants who have experienced financial and career-related challenges arising from the COVID-19 pandemic.

Source: <https://foundation.asrt.org/news-stories/full-story/rad-aid-asrt-foundation-expand-outreach-fellowship>

Group Urges Patients ‘Return to Care’

Seeking necessary care can prevent progression of disease to more advanced stages, where it becomes less treatable. Concerns about COVID-19 have led some patients to delay delayed important screens, scans, vaccinations and treatments as a result of coronavirus fears. The #ReturnToCare Coalition is a group of patient advocacy organizations and medical societies working together to encourage patients to seek the care they need in consultation with their healthcare providers.

The group has created a website offering patient information and resources that encourage patients to seek the care they need in consultation with their health care providers. ASRT is a member of the coalition that includes, among others, the American Academy of Physician Assistants, American College of Radiology, American Society of Hematology, American Society for Radiation Oncology, Radiological Society of North America and the Society of Nuclear Medicine and Molecular Imaging.

More information: www.returntocarecampaign.org/

Elizabeth Balogun – Africa

Preamble

This year has been a trying year for everyone all over the world due to COVID-19. But it has brought out the huge similarities between Radiation protection and Infection Protection and control. This is Time- shield- Distance.

As Radiographers, the medical imaging culture has helped our practice especially keeping our masks on for longer as required since we could keep our lead Aprons, Thyroid shield, lead goggles on for as long as they are required.

The times and situation has just sharpened our skills and kept us on our toes as imaging experts.

Most trainings are still being done online via webinars. The Major one was hosted by the ISRRT board where so many African Radiographers participated.

Report from Malawi

Radiation protection and monitoring

Currently no hospital is having radiation monitoring service due to COVID 19. Apart from that, only few hospitals (about 12) are having contract with Atomic Energy Regulatory Authority(AERA) on radiation monitoring which means small number of radiographers are being monitored.

At National level, especially at Ministry of Health, hospitals have been asked to appoint radiation protection officers and they were trained in radiation protection and monitoring. The ministry has also formulated and distributed policy on radiology services

of which radiation protection is one of the pillars.

COVID 19 activities

In regard to COVID 19 activities, radiology departments have been differently involved because it depends on their facility. Radiographers went for training like their clinical counterparts. Some radiographers facilitated on pattern recognition to differentiate this novel disease from other chest conditions.

Meanwhile radiology departments are supplied with Personal protective wear such as masks disposable gowns. Other hospitals are even supplied with goggles and face shields. The government made wearing of masks mandatory as such hospitals encouraged wearing of masks i.e. N95. In addition, staff and patient are screened to check the body temperature. Before entering the hospital premises. The radiology departments are also provided with handwashing facilities and hand sanitizers.

Examinations

Some radiology departments provide x-ray or ultrasound services to Covid suspects or Covid 19 patient. Clinicians call the radiology department to prepare for such patients. After the patient is examined, the room is disinfected including equipment. Such examination is done in the department because most hospitals do not have mobile x-ray machines and others have single ultrasound machine which could not be taken to treatment centre

Lastly I forwarded your letter to Assistant Director of radiology services at Ministry of Health Headquarters. Currently we have two radiographers at Headquarters and for the sake National reporting I therefore give you their contacts. They are custodians of such responsibility

Nelson Z Nkosi
Radiographer Mzuzu Central Hospital



I Radiographer Nelson Z Nkosi, Mzuzu Central Hospital, Malawi.

ADVERTISING INFORMATION

The ISRRT Newsletter would like to invite readers and others to take advantage of the extent of our circulation and advertising service.

The ISRRT Newsletter *News & Views* reaches 72 countries, 4,500 associate members, libraries and schools of radiography, government bodies and professional societies.

The following are costs for colour advertising as at January 2020.

	1 issue	2 issues	3 issues
full page	£300	£550	£750
half page	£225	£400	£500
quarter page	£100	£150	£200
one eighth page	£60	£100	£150

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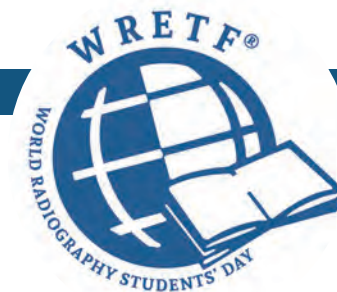
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Please send hi-res print ready file (PDF, JPG) to:

CEO Email: ceo@isrrt.org

Production Editor: deepbluedesign1@me.com



[email: admin@wretf.org](mailto:admin@wretf.org)

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Ian Henderson

HONORARY SECRETARY & EDUCATION LEAD

Keith Piper

WRETf Celebrates World Radiography Students' Day

The WRETf is a not for profit, non-membership organization dedicated to fostering a global culture of volunteering to increase access to education in the science and practice of radiography, radiation, and allied subjects throughout the world. It has a long history of awarding bursaries for conference attendance or to visit a healthcare facility for educational opportunities. Each year the foundation awards up to £700 each to successful applicants from around the world. However, in recent years the foundation has evolved to fulfill its mission.

The most significant change in the WRETf has been the transformation of the Ambassador Program. Ambassadors are a dedicated team of radiographers, radiological technologists, and radiation therapists from over twenty countries including Algeria, Bangladesh, Brazil, Japan, Kenya, Nepal, Pakistan, Rwanda, Sierra Leone, Sri Lanka, and The Gambia.

Originally formed to represent and inform medical communities of the opportunities and benefits offered by the WRETf, it has been transformed into a leadership development program where Ambassadors build the essential skills necessary to make changes in their own countries. The goal of this program is to empower radiographers and radiation therapists, so they are less dependent upon the philanthropy of others and more able to "increase access to education" in their own communities.

Through the Ambassador Leadership Development Program, the WRETf is focused on developing and unlocking the full potential of the Ambassadors to drive greater effectiveness and efficiency within their own medical imaging community and better harness resources in their own countries. The goal of this program is to develop the next generation of leaders through projects focusing on the complex challenges that increasingly confront medical imaging professionals. Ambassadors carefully document the process so that their projects can be easily replicated in their own countries. Ambassadors gain knowledge and skills while focusing upon international communication, project management, quality improvement, and marketing all while creating an impressive professional network and friendships to last a lifetime.

An example of a recent Ambassador project

was the inaugural WRETf World Radiography Students' Day. On 19th November 2020 approximately 200 students from over 30 countries joined the first international conference celebrating the radiography student. The conference was made possible by the generosity of the Weber State University School of Radiologic Sciences. The theme of this year's conference was Dream, Learn, Lead.

The virtual conference committee was co-chaired by Yahans De Heer (Sierra Leone) and Evelyn Wasike (Kenya) who also served as the day's moderator. Donna Newman (USA) President of the ISRRT, gave the welcome presentation and introduced the students to the resources and opportunities of the ISRRT. WRETf Chairperson, Christopher Steelman (USA), spoke about the mission of the Foundation and the transformation of the Ambassador Program. Rex Christensen, from Weber State University (USA), spoke of the opportunities for students to improve their clinical experience and the importance of student collaboration and Antony Mamati (Kenya) gave an energetic, motivating presentation to students stressing the need for work ethics and professional growth. The WRETf Travel Bursary 2019 Recipient, Mr Soufiane Timbermacine shared his experience of winning the Travel Bursary to attend the European Society of Radiology Conference in March 2019. WRETf Trustee, Ramona Chanderballi (Guyana) Director of the WRETf Ambassador Program, made a presentation on the future of the WRETf and its contributions to the international medical community.

The highlight of the day was the presentations by two students who took the stage for their first international presentations. Grace Kylo from Kenyatta University in Nairobi, Kenya, and Nathaniel Angaag from the University of Health and Allied Sciences in Accra, Ghana, provided critical insight into the challenges they face as students and in the process learned to become engaging speakers capable of sharing their knowledge with the world.

We invite the world to learn more about the WRETf and the Bursary, Educational Partnership, and Leadership Development programs at www.wretf.org/

Christopher Steelman
Chairman

NEWS FROM MEMBER COUNTRIES

AUSTRALASIA

MALAYSIA

Malaysian Society of Radiographers held 50th Scientific Seminar Session and Annual General Meeting

during COVID-19, September 26, 2020, at the Everly Hotel, Putrajaya Malaysia



Warmest greeting to everyone, on behalf of Malaysian Society of Radiographers (MSR), we are delighted organizing the 50th Scientific Seminar Session and Annual general Meeting on September 26, 2020, in Everly Hotel, Putrajaya, Malaysia. This event was officiated by Mrs. Hajah Farina binti Zulkernain, Director of Allied Health Division, Ministry of Health. It was attended by 200 radiographers from diagnostic and radiotherapy. We reached the target radiographers through social networks i.e. MSR Website, Email, WhatsApp group and Facebook. It is a great pleasure for me to thank all participants for joining us.

The participants are coming from all over Malaysia except from Kedah, North Malaysia and Sabah, East Malaysia. During this time, both states are having Conditional Movement Control Order (CMCO) which is limited access to their area. Meanwhile, most of the state in Peninsular Area of Malaysia is having Recovery Movement Control Order (RMCO) and was notified with 0 case of COVID-19.

This event was held by complying new

norms advised by the Department of Registration of Societies Malaysia (JPPM). According to the instructions from the Authority i.e. National Security Council and the Ministry of Health Malaysia during the period of the Recovery Movement Control Order, the Registration of Societies Malaysia (JPPM) allowed the society to held Annual General Meeting where the number of members allowed to attend the Annual General Meeting is less than 250 people. This is subject to the size of the meeting hall as well as compliance with the principles of physical incarceration. MSR members with temperatures above 37.5 degrees Celsius, are symptomatic and PUI (Person under Investigation) & PUS (Person under Surveillance) are NOT allowed to attend the annual general meeting. Before event, MSR emphasize participants earlier through online channel to follow strictly Standard operating procedure (SOP) which is prescribed by authority.

I would like to express our special thanks to our speakers who are willing to spend time working together with MSR for making this event successful. The dedicated speakers are Mrs Mary Oommen A/P Kochummen, Head of Profession Radiographers in Malaysia cum Head of Radiographers, Hospital Tunku Azizah (Formerly known as Kuala Lumpur Women Children Hospital), Mrs Ann Erynna Lema Thomas Sudin, Head of Programme Medical Imaging Universiti Teknologi MARA (UiTM), Mrs Noraini Binti Mohd Noor, Senior Radiotherapist Prince Court Medical Centre (PCMC) and Council Member ACT 774, Mrs Santhekumari A/P Sithamparam, Senior Lecturer Ministry of Health Training Centre, Assoc. Prof Dr Akmal Sabarudin, Deputy Director of EKS Development and Industry Network cum Senior Lecturer, Universiti Kebangsaan

Malaysia (UKM) and Council Member ACT 774. The theme of this event is towards clinical and education for diagnostic and radiotherapy.

We would also like to express appreciation to the booth presenter from education site in promoting education to Radiographers i.e. Universiti Teknologi MARA (UiTM), Universiti Selangor (UNISEL) Shah Alam, KPJ University College (KPJUC). We would also like to express appreciation to the company who have never hesitated to support MSR i.e. Brainlab, Toto Adtec event. FujiFilm Malaysia Sdn Bhd, LAS Medical System and etc. We are grateful for the effort them took to making this event successful.

I would like to especially thank the MSR committee members for their warm hosting of this event and the radiographers, radiology department, Teaching Hospital from University Putra Malaysia, who always go above and beyond to ensure the success of this event. Last but not least, I would like to take this opportunity to thank you, the participants, for your dedication to our event.

Thank you again for your contribution and participation.

Nur Hafizah Mohad Azmi
Assalamualaikum w.b.r.k.t.h

Malaysian radiographers organising webinar during pandemic COVID-19

1st Webinar (26 June 2020)

Malaysia started with Movement Control Order (MCO) on March 18, 2020 continue with Conditional Movement Control Order (CMCO) on May 4 and Restoration Movement Control Order (RMCO) June, 10 and MCO and CMCO implementation again after 3rd COVID-19 strike on June 10 until December 31. In early stage of



The new norm during COVID-19 implementing social distancing at the AGM.



Malaysian Society of Radiographers
LIVE WEBINAR JUMAAT | 26 JUN 2020 | 4PM
Peranan Juru X-Ray Semasa Covid19 Pandemik

AKMARUL NAZLI
 SENIOR MANAGER
 ALLIED HEALTH
 PANTAI HOSPITAL K. LUMPUR

ABU DHIYAUDIN
 JURU X-RAY
 HOSPITAL KUALA LUMPUR

ZAILEHA ISMAIL
 KETUA JURU X-RAY TERAPI
 INSTITUT KANSER NEGARA
 PUTRAJAYA

SAWAL MARSAIT
 PRESIDEN
 PERSATUAN JURU X-RAY
 MALAYSIA

MALAYSIAN SOCIETY OF RADIOGRAPHERS
PERSATUAN JURU X-RAY MALAYSIA
LIVE WEBINAR **28th October 2020**
3.00pm **f LIVE**

Medical Imaging Education: New Norms and Challenges

MODERATOR
 Mr Mazli Bin Mohamad Zin
 Vice President MSR /
 Senior Radiographer
 Radiology Department, PPUKM

SPEAKER
 Mr Mohd Imran Mohd
 Director
 Centre for Innovation in
 Education, KPJ UC

SPEAKER
 Mdm Ann Erynna Lema Thomas
 Head of Program /
 Senior Lecturer,
 Medical Imaging Dept, UiTM

SPEAKER
 Dr. Nor Aniza binti Azmi
 Senior Lecturer,
 Faculty of Health Sciences,
 Universiti Kebangsaan Malaysia

https://www.facebook.com/msradiographer
Official Website: https://www.msradiographer.org

ISRRT
 INTERNATIONAL SOCIETY OF
 RADIOGRAPHERS &
 RADIOLOGICAL TECHNOLOGISTS

MCO and CMCO, Malaysian Society of Radiographers (MSR) managed to organise 2 different webinar with different topic to all radiographers and radiation therapist in Malaysia. First webinar was held on 26 June 2020 with the title of Radiographer Role during Pandemic Covid-19. Three guest speakers was invited from different area such as diagnostic clinical, radiation therapist and radiology management.

They share their experiences on how to handle patients and also how to manage the critical situation during the first wave of the COVID -19 pandemic in the view of clinical and management site.

MSR 3rd Webinar 28 October 2020

MSR 3rd webinar was held on October 28, 2020 with the title of Medical Imaging Education: New Norms and Challenges during pandemic COVID-19. Three lectures from three different universities were invited to share their experiences and challenges to organise online classes and how to assess students during this critical situation.

Mohammad Mudzakir Zainal Alam
MSR Secretary

NEW ZEALAND

This report is being written on World Radiography Day and it has been heart-warming to receive so many warm wishes from around the world, via Facebook and emails. The world has faced a huge time of crisis and radiographers and radiation therapists are absolutely front line, but the pandemic has brought us closer than ever before. Missing the face-to-face opportunities to network and connect has made us all look for different ways to keep in touch, continue our learning and to just let others know we care. On behalf of the New Zealand Institute of Medical Radiation Technology I would like to thank Donna Newman for presenting at our virtual Annual General Meeting and education session. This meeting was a great success with lots of positive feedback. Huge thanks go to ISRRT for the ongoing webinars bringing experts together from around globe to contribute ideas and knowledge.

To celebrate World Radiography Day the NZIMRT supported a poster campaign designed to encourage members to become Associate Members of the ISRRT. ISRRT colleagues around the world sent photos and a personal statement on the impact Covid-19 has had for them. The posters have been very thought provoking and warmly received by NZIMRT members and x-ray departments throughout the country. Thank you to all who supported this campaign, it was very humbling. Go to www.nzimrt.co.nz to see your colleagues featured in the posters.

New Zealand has been fortunate with the management of Coronavirus. Lockdowns have resulted in a significant increase in patients presenting for treatment late and with advanced problems, a situation that is no doubt being repeated around the world. The demand for diagnostics especially is only going to increase and the work of ISRRT ensuring a focus on the sustainability of the healthcare workforce is hugely important.

The end of the year and the beginning of a new one has very significant meanings for many of us. On behalf of the NZIMRT I extend heartfelt wishes for all ISRRT colleagues to stay safe as we all head into what we fervently hope is a new year that provides respite from the hardship that 2020 has brought and new beginnings.

Kathy Colgan, NZIMRT ISRRT Director



THE AMERICAS

AMERICA

ASRT Mounts Online COVID-19 Response With Free Resources



As a response to difficulties presented by a global pandemic, ASRT is providing resources to help radiologic technologists and students adapt to the challenges of COVID-19. The majority of all the resources on the ASRT COVID-19 resources page are available at no cost to radiologic technologists, regardless if they are an ASRT member or not. The resources are available on the ASRT COVID-19 resources page at www.asrt.org/covid19

The page includes:

- Two free courses worth continuing education credit. Courses educate technologists and students about COVID-19 and prepare them for infection control measures.
- Several compliance resources focusing on hand hygiene, prevention of health care associated infections and handling hazard materials and waste.
- Free downloadable hand-washing posters.
- Clinical refresher modules for students and educators.
- Information about Project N-95, which matches organizations with specific PPE needs with suppliers who can provide the appropriate PPE resources.

ASRT Foundation COVID-19 Emergency Relief Fund Offers Support to Members

The ASRT Foundation launched a charitable initiative to provide financial assistance to medical imaging and radiation therapy professionals who have fallen victim to coronavirus. The ASRT

Foundation's COVID-19 Emergency Relief Fund also offers short-term support to those professionals whose employers have instituted layoffs, furloughs or decreased work hours in the face of the reduction or elimination of non-essential medical imaging and radiation therapy procedures during the crisis. Initially funded by \$100,000 from the ASRT Foundation and a donation of \$150,000 by ASRT, the program provides assistance to eligible medical imaging and radiation therapy professionals who contracted COVID-19 or experienced layoffs, furloughs or decreased work hours of 50% or greater due to the ongoing health care crisis. The program is also accepting donations from individuals and corporations, resulting in more than \$25,000 in donations, bringing the fund's initial grant total to more than \$275,000. As of Oct. 19, the Foundation has provided \$286,000 in grant support to 605 ASRT members to assist with personal expenses while facing hardships caused by the pandemic and is continuing to issue grants as additional funds are received.

ASRT Foundation Adds New Scholarship Opportunities worth more than \$20,000 for 2021-2022



The ASRT Foundation, philanthropic arm of the American Society of Radiologic Technologists, will offer a record number of scholarship opportunities for the 2021-2022 academic year worth more than \$250,000. The Foundation plans to add three new scholarships totaling more than \$20,000 for the upcoming scholarship award season. The new scholarship opportunities are designed to improve diversity and inclusion in health care, and support new opportunities in specific areas of practice, including

mammography, radiation therapy and dosimetry. The debut scholarships include:

- **Elekta Radiation Therapy Scholarship for Black Students**

Improving diversity, inclusion and representation in the health care industry was top of mind when Elekta created a scholarship for Black radiation therapy students. Two scholarship recipients will receive \$5,000 each to put toward their educational expenses.

- **Hologic Inc. Mammography Scholarship**

This professional-level scholarship supports radiographers pursuing educational opportunities that will prepare them to take the mammography certification exam. The Foundation will award two selected applicants \$4,300 each.

- **Northern California Society of Radiation Therapists Scholarship**

The award supports individuals who are or will be enrolled in a radiation therapy or dosimetry program and professional-level radiation therapists enrolled in a medical dosimetry program. It offers one \$1,500 scholarship this season.

ASRT Foundation scholarship awards range from \$500 up to \$5,000 and are funded by the ASRT Foundation through partnerships with corporations, non-profits and generous ASRT members. Recipients include practicing professionals working toward new certifications and degrees along with entry-level students at colleges and universities throughout the United States. The ASRT Foundation is known as the largest single provider of medical imaging and radiation therapy scholarships in the world. Scholarship recipients must be ASRT members and are selected based on evidence of commitment, leadership, achievement and financial need. The Foundation's Scholarship Review Committee evaluates all scholarship applications and provides recommendations for final selection to the Board of Trustees.

ASRT National Library Partnership Earns Prestigious Awards

The American Society of Radiologic Technologists was honored by the American Society of Association Executives with a 2020 Power of A Silver Award for its innovative ASRT National Library Partnership program.





The ASRT National Library Partnership awarded grants to public libraries for the purchase of books and other materials that highlight medical imaging and radiation therapy procedures and radiologic technologists' role in health care. "We are proud to share our story and partner with one of the country's most trusted institutions -- public libraries. The ASAE Power of A Award is a prestigious accolade that we share with our 157,000 members, who supported this outreach from the beginning," said ASRT President Mike Odgren, B.S., R.P.A., R.R.A., R.T.(R)(CT). "Especially now, when radiologic technologists are essential in the diagnosis of COVID-19, it's more important than ever to educate the public about radiologic technologists, the patient safety measures they diligently employ and the science behind radiological procedures." Since 2016, more than 200 public libraries, large and small, in every state in the nation, have received grants from ASRT of up to \$2,000 to purchase books and other educational materials related to medical imaging and radiation therapy, and the pioneers of radiologic technology. Many of the libraries received grants through recommendations from ASRT members who are local library patrons. In addition to the Power of A award, the ASRT National Library Partnership also earned two 2019 Trendy Awards – bronze recognition in the Advocacy category and silver recognition in the Website category. Association TRENDS is a community dedicated to providing association executives and industry partners with training, data and insights. They coordinate the annual Trendy awards, which included more than 400 entries in 23 categories.

Donna Long
Council Member

ASRT Foundation selects recipient for International Travel Award

An ASRT member has been selected to receive this year's \$4,000 Siemens Healthineers Education Journey Award to attend the educational or professional conference of their choice.

The award promotes peer-to-peer education and supports professional development in the radiologic technology community by covering conference registration fees, travel and lodging for three ASRT members.

Leandra Mashak, R.T.(R)(M), staff technologist at the Knoxville Comprehensive Breast Center in Tennessee, will attend the United Kingdom Imaging and Oncology Congress in Liverpool, England, June 7 - 9, 2021

ASRT Foundation International Collaborative Clinical Research Grant

The ASRT Foundation is accepting letters of intent for the International Collaborative Clinical Research Grant, which supports medical imaging and radiation therapy professionals aspiring to partner with an international colleague to conduct a clinically focused scientific research project in radiologic technology.

A U.S. researcher will first apply with a proposal. For accepted proposals, an international researcher will be given the opportunity to apply to be a co-investigator on the project.

Anticipated total grant funds for the U.S. and U.K researcher will not exceed \$50,000. Watch for an announcement of the first grant award soon.

Sharon Wartenbee
Regional Director of America's

CANADA



A continued thanks to all MRTs, RTs and radiographers everywhere

CAMRT would like to recognize the extraordinary contribution and extend its sincere thanks to all those practicing in medical radiation technology / radiography around the world at this time. The tremendous dedication to the care of your patients and the health of the public at large, in the face of personal risk, is a testament to your professionalism and a big reason why healthcare systems around the world can continue to help those affected by this novel viral infection.

MRT Awareness in Canada

Awareness of the MRT profession amongst Canadians was a priority before the coronavirus pandemic, but it has taken on special new importance in this climate of heightened strain on the healthcare system. CAMRT has undertaken numerous activities since 2020 began to promote the profession. The most recent and most extensive part of the awareness campaign was the release of a combined poster / social media advertising push. With the help of a creative agency, CAMRT developed a campaign that highlights the indispensable roles that MRTs play in the lives of patients.

To see the electronic renditions of the advertisements www.camrt.ca/blog/2020/11/06/sharing-the-mrt-awareness-campaign-videos/

Supporting MRTs through the COVID-19 pandemic

In addition, CAMRT has been working through advocacy and collaborations to both study the effects of the pandemic on medical imaging and radiation therapy, and to support the immediate needs of MRTs working on the frontlines of the crisis.

Tracking workforce and other issues

CAMRT has been engaged since early in the pandemic in tracking the Canadian MRT workforce and the myriad of issues they face in their different practices. A series of surveys has been conducted,

and these results are used to conduct advocacy efforts to support the needs of medical imaging and radiation therapy services during and after the pandemic. Survey results are available on the CAMRT website: www.camrt.ca/covid19/covid-19-advocacy/

Resumption of clinical services

CAMRT worked closely with the Canadian Association of Radiologists (CAR) and other medical professions to study the effects that COVID-19 and the associated public health restrictions and service scalebacks had on medical imaging services across the country. By understanding the effects, it is the goal of the collaborative to also bring forward concrete recommendations for governments and healthcare decision makers to follow as they seek to resume and scale back up to a previous level of service. Two reports from this collaboration have now been published: Radiology Resumption of Clinical Services and Radiology Resilience Now and Beyond

Mental health of professionals

The mental health of professionals in medical radiation technology was identified as priority work for the association before the pandemic, but the crisis has made this work even more important and pertinent. Work is planned to examine mental health issues commonly faced by MRTs in Canada. CAMRT has also gathered a variety of resources dedicated to mental health and wellness to assist MRTs in navigating this stressful time. The association is also working to produce a position statement, as well as guidance to MRT professionals on burnout.

For other initiatives relating to CAMRT and COVID-19, www.camrt.ca/covid19

Journal of Medical Imaging and Radiation Sciences

Call for Papers 2021

The JMIRS is preparing a special issue on the topic of Education in the medical imaging and radiation sciences, to be published in December 2021. We know there is so much activity happening in this area and we are excited to hear from you! Submissions are due on or before May 1, 2021 but informal contact about ideas can

be discussed with the editor at any time at editor@camrt.ca

New Podcasts

Our latest podcast features the Guest Editor of the upcoming special issue on Interpersonal Skills, Sue Robins, and patient author Amy Ma in conversation about the term soft skills, their experiences in medical imaging and the power of the patient story. This episode (and past recordings) can be played or downloaded at <https://anchor.fm/jmirs> using multiple platforms (Spotify, Google podcasts, etc.).

COVID-19 Research

JMIRS continues to receive perspectives from our MRT colleagues around the globe dealing with COVID-19, here is a selection of recent titles available at jmirs.org

- How COVID-19 Is Testing and Evolving Our Communication Skills
- A Lens on the Post-COVID-19 "New Normal" for Imaging Departments
- The strategy to develop newly joined radiographers in a COVID-19 world: a curated orientation programme
- Phase 3 of COVID-19: Treat your patients and care for your radiographers. A designed projection for an aware and innovative radiology department
- The needs and concerns of clinical educators in radiography education in the face of COVID-19 pandemic

Artificial Intelligence in the Medical Radiation Sciences

A new collection has been created on all past JMIRS articles on the topic of Artificial Intelligence and medical radiation sciences. Check it out at www.jmirs.org/content/artificialintelligence

Online Education

For those seeking CPD, CAMRT has a catalogue with more than 200 high-quality courses and webinars on topics from across all disciplines of medical imaging and radiation therapy.

CAMRT Online CPD is available to MRTs anywhere and is approved for category A credit! Simply visit the CAMRT CPD catalogue and select

webinars in the left-hand column: <https://camrt.force.com/CPBaseStore?site=a0a1a00000AMdCoAAL>

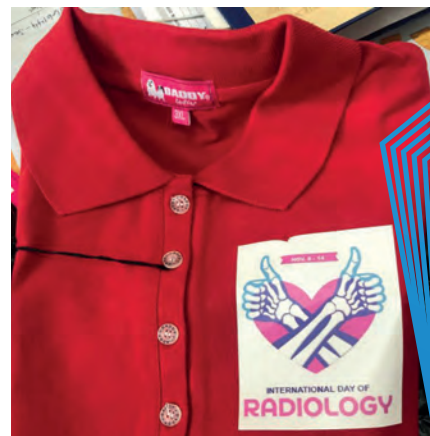
Support for those interested in working in Canada

The CAMRT encourages those thinking about working as MRTs (radiographers) in Canada to check out its two learning modules for Internationally Educated Medical Radiation Technologists (IEMRTs). The first module on describes practice/employment in Canada. The second is a module providing education on "How to Write a Competency Based Exam". Both are available in the certification section of the CAMRT website www.camrt.ca/certification/

TRINIDAD & TOBAGO

The executive members of the Society of Radiographers of Trinidad and Tobago would like to thank all our colleagues at home and abroad for their commitment and hard work during these past months. As we celebrated World Radiography Day and week we had to adhere to the new policies and protocols set by our hospitals. This year we had to change the way we celebrated but we as a community was able to still show case our profession in as best way as we could.

Some departments were able to put out posters and videos highlighting our profession and what we do as radiographers. Other departments were able to print t-shirts for their staff which





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were wore over the week. At the general hospital in Tobago the staff and management got into the mode of celebrating the week with performances done by all members of the diagnostic imaging team. Management acknowledged the contribution of the staff and there was a ballon releasing event by the management and staff of the diagnostic imaging department.

Our celebrations were done differently from past years but what remained the same was the heartfelt commitment by our radiographers.

On a closing note we will like to wish you all a happy and safe holidays!!!

Aneesa Ali

**ISRRT Council member for
Trinidad and Tobago**

AFRICA

KENYA

**Society of
Radiography in
Kenya (SORK)
celebrations for
WRD 2020**

SORK organized the CME webinar to commemorate the WRD 2020. The topic of the discussion was based on ISRRT theme *Use of Artificial Intelligence in Radiography and Imaging to promote patient care*

We had a total of about 100 radiographers



log in for the CME.

The presenters were carefully identified based on their vast experiences and trainings in the field of radiography and patient care particularly on radiation safety and protection.

Members who participated in this including a number of colleagues from Nigeria indeed appreciated the organization and the choice of the topic and presenters.

The Society of Radiography in Kenya (SORK) officials early on the day had a visit to few sampled departments where they took time with colleagues on duty as they were serving patients as attached.

A few Kericho
County
Radiographers.



A few Kakamega
County
Radiographers.



From left to right:
Kenya Jevas
Honorary Secretary
SORK/ISRRT Country
Representative, Ms Faith
Kimunge (Radiographer
at Kenyatta National
Hospital), Ms Mercy
Mutua (Radiographer
at Kenyatta National
Hospital), Mr Martin
Bundi (Radiographer
at Kenyatta National
Hospital) and Mr
Benard Ondari (Chief
Radiographer at Kenyatta
National Hospital) in
Nairobi City.



TANZANIA

Activities of our Society (TARA) for ISRRT News & Views newsletter

AGM and General election



February 27-29, 2020

Tanzania Association of Radiographers (TARA) held the Annual General Meeting (AGM) and General Election which was held parallel with TARA Scientific Conference. The new TARA Executive cabinet was elected where Bakary Msongamwanja elected as President, Omary Msehwa as General Secretary and Joseph Ndumbaro as TARA Council Representative and other positions of Vice President, Vice secretary, burse and regional representative to accomplish the whole board of management according to TARA Constitution and regulations.

March 16, 2020

The first case of COVID-19 was announced from the Government by the Minister of Health, Community Development,



TARA AGM and Conference February 27-29, 2020 at Dodoma, Tanzania.



M/Nyamala Hospital



Temeke Hospital

Gender, Elderly and Children.

The Tanzania Association of Radiographer-TARA, we issued a Guideline to all Radiographers, Sonographer and Radiotherapy. Also, TARA conveyed to all Radiographers the information received from ISRRT concerning COVID-19.

We received donation of Personal Protective Equipment (Saniters) from the donor which we distributed to the Radiographer of Amana Hospital, Temeke hospital, M/nyamala hospital and KCMC Referral Hospitals which was among of the Government's recommended hospitals for suspected case of

COVID-19 patients.

TARA partnered with the Tanzania Radiologist Association-TARASO, propose to a Government the guideline to be used during Imaging of suspected or confirmed COVID-19 patients and measures to be taken and implemented for protection of all staff at Radiology Departments in the country. The guideline officially approved by Government through Ministry of Health.

25th July 2020

TARA in corporation with Mindray Company we conducted a symposium for ultrasound workshop concerned with Lungs Ultrasound for diagnosis of Covid-19 and findings upon it. Other topics which taught as capacity building was: - The academic and professional growth in Radiography, fetal abnormality, Technical scanning for visceral injury.

August 26 and September 1, 2020

TARA conducted the tour for educating, making awareness for radiography students to understand and joining to TARA as student's membership and welcoming final year Diagnostic Radiographer's students to the field after being completed and registered.

The events were conducted at Muhimbili University of Health and Allied Science (MUHAS) at Dar es Salaam and Bugando



RADTECH-Ilala



MOI Conference: Ultrasound workshop July 25, 2020



MOI Conference: Ultrasound workshop July 25, 2020.

Catholic University of Health and Allied Science at Mwanza where Diploma in Diagnostic Radiography is offered.

World Radiography Day November 8

In Tanzania, TARA celebrating the world Radiography Day by educating the societies about radiography, the modality used in diagnostic and therapy (MRI, CT-Scan, mammography, ultrasound, X-ray, LINAC, Cobalt etc) and how it work. https://youtu.be/zTX_wPGAxRA

We also do the free consultations and screening for prostate and breast at RADTECH Polyclinic Health center located Dar es Salaam-Ilala and Temeke.

At Lake Zone Mwanza, BUGANDO Referral Hospital celebrating the "World radiography day" by screening the Liver free of charges. <https://go.shr.lc/3k4VJZ9>

TARA conducted AGM and Conference November 13-14, 2020 at Morogoro for all radiographer's, sonographer's and radiotherapist under the world radiography theme: Elevating patients care with artificial intelligence.

Omary H. Msehwa
General Secretary Tanzania Association of Radiographers (TARA)

EUROPE

GREECE

As known, October is the breast cancer awareness month, it helps to increase attention and support for the awareness, early detection and treatment as well. Mammography is a screening exam which shows early lesions and help women to overcome easily difficult situations such as total mastectomy, chemotherapy, radiotherapy and of course a better fiveyear survival. Organizing events and supporting breast cancer programs Panhellenic Society of Radiological Technologists (RTs) mentions to women how important is for them to check their breasts by palpation, ultrasound and mammography. "The History of Breast Imaging" was a successful online event which was held by our society, so as to support the breast awareness month.

November is a celebrating month for our profession, because W.C.Roentgen discovered the X-rays on 8th November 1895 and as we can say "Roentgen was the first Radiological Technologist/ Radiographer". 125 years have passed since that day which has been established as World Radiography Day (WRD) and is celebrated by RTs every year around the world. This



year, most of the RTs celebrated WRD from their home, by attending online events which are held by societies of RTs, due to pandemic COVID-19.

Many posts and photos are uploaded to social media by societies. ISRRRT uploaded the poster "World Radiography Day special edition", which mentioned that radiographers are essential in elevating patient care with Artificial Intelligence (AI), and also celebrated on WRD on Nov 8 with a great online event about AI. Panhellenic Society of RTs supported and promoted, this poster and many societies of RTs from other countries.

On the same day, an anniversary online event was held by Panhellenic Society of RTs with the title "125 years X-rays". (image below) It had a historical character and highlighted aspects of the history of our profession that most of the radiographers did not know.

The topics of the presentations were the following:

- Unknown aspects of W.C. Roentgen and the first period since the discovery of X-rays
- History of Radiology in Greece
- History of Radiotherapy
- From Computed Tomography to multi-energy Computed Tomography
- Listening to the Echo of Spins: The development of MRI
- History of Cath Lab

To conclude, I would like to send the following message for all RTs around the world: Let us think positively next year all RTs to be safe, healthy, COVID-19 free, and celebrate once again the World Radiography Day.

Below:
Anniversary online event "125years X-rays"





www.isrrt.org