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DEAR ISRRT MEMBERS,

I am honored and humbled to serve as your 16th president of the International Society of Radiographers and Radiological Technologists, ISRRT.

Being ISRRT President is a big task; I know this well. During my three terms on the Board, I have traveled to more than 40 countries, not only in my region, but I also represented the profession on the international stage at WHO and IAEA. Our unique profession truly has large diversity; however, it is our duty to promote the global standards of our education, training and professional practice.

In my four-year term, I would like to focus on four key tasks: visibility, identity, quality and collaboration. Let me elaborate a bit more about those four key words.

Visibility – Together with my Board that you elected and our member societies, it is our task to increase visibility of our profession on the international stage. This will be accomplished through collaboration, partnership and communication with our global partners including United Nations organizations such as International Atomic Energy Agency (IAEA) and World Health Organization (WHO), our colleagues in the field including the radiologists, the physicists as an equal partner and organizations with a focus on radiation safety, such as International Commission on Radiation Protection (ICRP) and International Radiation Protection Association (IRPA).

Identity – Established professions have a harmonized name, scope and standard of practice. The previous Board has successfully created our common “agreed” terminology to be used globally. I believe it is now the time for us to promote our identity as a profession with “autonomy” under our scope of practice to do what is best for our patients. To achieve this goal, standards of education and practice need to be benchmarked or accredited through a rigorous accepted process. A profession cannot advance without the capability of performing research. Our newly established International Academic Network (IAN) will help the profession establish a platform to promote, assist and advance the research capability of radiographers/radiological technologists and radiation therapists globally.

Quality – Our goal is to deliver a standard quality and safety service to the patients.
The ISRRT is responsible for establishing professional standards related to quality and safety of the practice. The previous Board has done tremendous work publishing documents, position statements and guidelines. My elected Board will continue this great work and expand to the areas that still need to be covered, especially in radiation therapy and non-ionizing radiation.

Collaboration – As the global representative of the profession, ISRRT collaborates with other global and regional organizations to address issues. Collaboration brings great results that impact the practice and quality of care to the patients. Expanding collaboration with industry will be additional task for my Board. Partnership with industry, through both parties’ networks, will bring additional activities that can reach more of our members, creating opportunities for educational and social activities.

I would also like to take this time to introduce your newly elected 2022-2026 ISRRT Board of Management that will be representing you the membership over the next four years.

- Treasurer – Philippe Gerson
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- Director of Professional Practice – Peter Hogg
- Director of Public Relations and Communications – Yudthaphon Vichianin
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- Vice President of The Americas – Alain Cromp
- Regional Director of The Americas – Donna Long

As the newly elected ISRRT Board we are ready to communicate and work towards the ISRRT strategic plan and my president’s message over the next four years for its member societies through visibility, identity, quality and collaboration. Again, I deeply appreciate your support to elect me as your president. My Board and I will do everything in our capacity for the benefit of our patients and our profession.

Thank you.

Napapong Pongnapang
ISRRT President
DEAR ISRRT MEMBERS,

As I write this message, it will be my last message to the ISRRT members as outgoing ISRRT President. It is so exciting to have been part of an organization representing over 500,000 radiographers and radiological technologists worldwide and serving the radiography profession over the last four years.

The 22nd International Society of Radiographers and Radiological Technologists (ISRRT) World Congress in Bangkok, Thailand, was extraordinary. I want to share my closing presidential speech with our members from around the globe who couldn’t attend this World Congress. I want to thank the Thailand Society’s local organizing Committee, particularly TSRT President Sala Ubochai and the World Congress Convenor, Napapong Pongnapang, for the fantastic World Congress you have all put together. I will always cherish the memories of my presidential term, including having had the chance to attend this historic Congress. I am proud of the work presented to council members and passed at the Council meeting in Bangkok. An organization’s governance is so important, and the newly revised ISRRT Statutes approved by Council and ISRRT Operations Manual will be an excellent resource for the newly elected ISRRT Board of Management.

I started my Presidency by telling our membership that we can make a difference in our profession by being actively involved. We all have an opportunity to influence the direction our profession moves in and how we influence how standards are developed and implemented.

My presidential key messages for our organization:

Influence change, impact change, and create change at any and every opportunity that comes your way.

ISRRT has played a pivotal role in representing the radiography profession on the world stage and ensuring that these three key messages are at the forefront.
of our strategic agenda. This ISRRT Board of Management (BOM) that you elected 4 years ago has shown dedication to improving and elevating radiation protection and safety for our entire profession.

As your outgoing ISRRT President, I am humbled and honored to have had the privileged to serve alongside this group of professionals who have been engaged in strategic thinking as well as hardworking on projects that brought value to its members.

ISRRT BOM has represented our global voice at international stakeholder meetings and promoted the global standards that ISRRT has developed. The BOM representation at stakeholder meetings has impacted global Standards, Guidelines and strategic decisions as they were being developed.

Let’s take a few moments to celebrate some milestones over the last four years that have demonstrated how the collaborative work of the ISRRT BOM, ISRRT committees and ISRRT key member experts have had to influence change, impact change and create change for our profession.

The ISRRT affected and created change for patient care and the entire profession by developing response documents for the COVID-19 Pandemic.

Because the ISRRT was prepared and had developed its response document this allowed them to collaborate with the IAEA and WHO.

This collaboration allowed the radiographers’ voice to be heard with the ISRRT safety guidelines for the profession to be incorporated into the final documents that the International Atomic Energy Agency (IAEA) and the World Health Organization (WHO) developed.

I am so proud of how the work that radiographers and radiological technologists produced created change and influenced global guidelines.

The ISRRT E-learning platform created a new opportunity for member experts to share best practices and target specific medical imaging for radiographers.

In collaboration with our regional Stakeholders, the EFRS created an opportunity to influence change in the radiography related safety information.

Collaboration with member experts in ultrasound, radiation therapy and CT influenced and elevated patient care delivery in crucial services during the Pandemic. This platform reached 114 countries and over 144,000 members with these specific webinars.

We thank the EFRS for this close collaboration and highlight that involvement from key member experts can truly impact and create change in safety practice and elevate the delivery of healthcare services globally by getting involved.

One of the biggest strengths of the ISRRT is its member’s experts from all over the world. Be assured that your involvement and sharing your expertise have also driven the success of this organization over the last four years.

Let’s look at the impact you all made as member experts by sharing your expertise and getting involved:

ISRRT created the Special Edition project to raise awareness, help educate and highlight radiographers and radiological technologists’ important role in the health care team.

ISRRT collaborated with ISRRT member experts, ISRRT member societies, and regional stakeholders to create this special edition.

Each of you has influenced and created change in our profession by educating and sharing your expertise.

World Radiography Day themes are chosen to highlight, educate and honor the role of the radiographer and radiologic technologist in delivering health care and to educate their role as essential members of the health care team.

As you see, these themes have influenced and impacted the Global Image of our Profession. ISRRT’s Facebook live platform has reached over 551,400 members worldwide during its 27 episodes over the last two years.
The platform was developed to promote, collaborate and bridge ISRRT Member societies’ best practices and bring forward an opportunity to discuss professional practices affecting our global profession.

As President of the ISRRT, and on behalf of the ISRRT Board of Management, a special thank you to all the member speaker experts that participated in our webinars. You are all are creating and influencing a positive change in healthcare.

The ISRRT collaborated with the IAEA to teach about the importance of safety culture traits. ISRRT supported the WHO Global Patient Safety plan as a top ISRRT strategic agenda priority and collaborated with Key member experts and ISRRT committees to develop an ISRRT Safety Culture and General Safety Management Guide for Diagnostic Imaging and Radiotherapy for countries to use. This definitely creates and impacts change in healthcare standards in countries worldwide.

As your global leader, ISRRT knew they could impact change by responding to the Bonn Call for Action for 2014 and again in 2020 at an International Stakeholder meeting with the IAEA and WHO, asking for more standardized education on the theory of radiation protection.

An ISRRT member expert produced a four-module e-learning course on radiation protection for developing countries to educate young professionals on the fundamentals of radiation protection.

This e-learning facility will influence and have an impact on helping to standardize and elevate radiation profession education.

As you know, a picture says a thousand words, and the ISRRT believes its next generation of radiographers can be a smoke-free generation.

By partnering with the WHO to create a grassroots media campaign, ISRRT influences efforts toward sustainable social change.

Research has shown that a social campaign has a definite impact on social and behavioral changes. Our efforts have reached over 83,634 people worldwide in the first year’s campaign and reached over 100,000 last year. ISRRT believes this will be influencing and affecting change around the world.

WHO’s ‘Addressing the 18 million health workers shortfall’ plan called for a Campaign for Health Care workers to all their international Stakeholders. ISRRT believes the way to counter the 18 million shortage of healthcare workers projected by 2030 is to invest in our profession by expanding and transforming a global health and social workforce. By promoting a four-tier radiographer profession, ISRRT believes we will stimulate and create decent health sector jobs with the right skill sets in the correct numbers in the countries that need this.

ISRRT Collaborates with International stakeholders to influence and create change that will elevate healthcare globally.

ISRRT and International Society of Radiology (ISR), as part of the Quality and Safety Alliance, had two joint ISRRT Facebook live sessions. The first was to educate our profession on Patient Safety for the WHO’s World Patient Safety Day and the second one was to address a current Professional Practice issue affecting most of the world - the issue on Gonad Shielding. By Partnering with global stakeholders and using a team approach with one voice, we will impact and influence change.

ISRRT also collaborates with the British Institute of Radiography (BIR) and contributes to Global publications to ensure the radiographers’ voice and views and included in professional practice issues affecting our profession.

Collaborating with our regional Stakeholders, like the EFRS, we ensure that we have one unified voice with the same message for radiographers regardless if we are at a regional or global meeting. This unified voice has had much success with the pandemic education, joint papers, and a joint consensus statement on the radiographer’s role with AI.

ISRRT thanks the EFRS for this continued collaboration and collective effort, together our organizations have influenced and impacted healthcare for our patients.

Member experts’ involvement in our profession make a huge impact on our profession. With your help, ISRRT has defined our profession, created a Peer review Paper on reflections on the pandemic, and contributed to research relating to the radiography profession’s review on burnout and musculoskeletal disorders. Just look at the impact and influence you have had by being involved.

I am so proud that we have developed nine ISRRT Position Statements

Outgoing President Donna Newman.
over the last four years that serve as a global consensus document that defines appropriate practices and recommendations on the delivery of radiography and healthcare service. This will create change and impact change by bringing these back to your country for use.

ISRRT has collaborated with member experts to develop guidance documents with a team approach to Quality Control programmes. These documents will have created change in our profession and influence practice globally.

As I leave my Presidency, I challenge each of you to continue to be involved in your profession and ‘Influence Change, Impact Change and Create Change’ at any and every opportunity that comes your way and watch the impact it will make on patient care in your country and globally. Our last four years are a testament to how this works, and I thank all of you that contributed to its success.

Our international profession is in great hands with our newly elected ISRRT President, Napapong Pongnapang. Having served with him for the last twelve years, I know he is a great leader with a vision that will move our profession forward. I also congratulate the newly elected ISRRT Board of Management and look forward to watching them contribute to our profession’s future.

I thank our professional societies, ISRRT BOM, and my family for all your support during my ISRRT Presidential term. I feel so blessed to have contributed to our profession globally.

Donna Newman
ISRRT Outgoing President

Historical and traditional photo that all president's take when having the chance – Past President Tyrone Goh, Outgoing President Donna Newman and Incoming President Napapong Pongnapang.

Handing over the Presidential Chains to Incoming President Napapong Pongnapang.

United Stated Delegation at ISRRT World Congress – ASRT CEO and Executive Director Sal Martino, Chair of the Board Kristi Moore, Incoming CEO and Executive Director Melissa B. Pergola, Ed.D., ISRRT President Donna Newman, ASRT Council Member Donna L. Long, ISRRT Regional Director The America’s Sharon Wartenbee President Daniel L. Gonzales.
Dear Readers,

For 2022, the second year with the Covid pandemic it was a year of mobilization of the people, after many months of quarantine and social distancing.

Meetings and congresses took place in hybrid form but it was obvious people’s will to meet each-other, to shake hands though with a sterilize solution immediately after, and to travel, to meet in person.

In the western hemisphere the advantage of the good weather, higher temperatures were an alliance to travel and for meetings.

I had the chance to travel again after so many months, being invited to the Emirates and be present at the RAD Show, organized by the Emirates Radiography Society.

I returned from that trip having Covid, but it was rather easy to cope with situation.

After that, I travelled to Vienna representing ISRRT at ECR, having the chance to meet and speak with European colleagues.

During ECR I met the ASRT’s representatives, distinguished speakers to the ISRRT meets ASRT session, which gave the opportunity to our American colleagues to bring the European audience closer to the biggest Radiography Society in the world.

Having said that, I am taking the opportunity to use this place to pay tribute to Dr Sal Martino, CEO of the ASRT who is going to retire at the end of 2022, leaving behind a strong and prosperous professional Society, the ASRT.

I wish my good colleague Sal a happy retirement.

The World Congress absorbed much of my working time, daily, as lot of matters had to be prepared for the Board, Regional and Council meeting in Bangkok.

It was a very successful meeting, as all the information I receive are converging to that.

In that congress, once again, colleagues from the under-development countries have had the chance to be funded by the Travel Support Fund and participated to the major scientific and professional event of the ISRRT.

This could only happen thanks to the generosity of the College of Radiographers, UK, the American Society of Radiologic Technologists, USA, and the Japan Society of Radiologic Technologists, Japan.

From my position as the Consultant CEO of the ISRRT, and a former Board member, I want to thank the leaders of the aforementioned societies for their generous donation, contribution to the TSF.

It was my pleasure meeting many Council members and colleagues from around the world in Bangkok Congress, and we all have enjoyed the perfect organisation made by the Thai society, as well as the friendly warm welcome by our Thai Colleagues.

From this page and position I thank them all for a magnificent ISRRT World Congress they made.

Dimitris Katsifarakis
ISRRT Consultant CEO
REPORT FROM THE TREASURER COUNCIL MEETING BANGKOK 2022

In my last report before the ISRRT 2021 World Congress, I indicated that this congress would take place both face-to-face and online.

Unfortunately, it took place online only and it was a success. We can thank the Irish association (IIRT) for its dedication. We were on the way to a deficit congress, which, as treasurer, constitutes a failure.

Thanks to the involvement of our Irish colleagues and that of the ISRRT Board, which I also thank, we were able to have a slightly positive result.

In 2021 and again in 2022, the ISRRT continued to set up webinars and online board meetings. We can say that this is one of the only benefits of COVID-19!

Nevertheless, it was essential for the ISRRT management team to meet face-to-face, the last meeting of the board having taken place in Paris in January 2019.

We are a world organization and it is essential to meet at least once a year.

The President, the CEO, and I chose Athens, Greece to minimize the costs of our travel and accommodation. Indeed the CEO and a member of the board are from this country and we have three other European members. In addition, the cost of the accommodation in Athens is less than in other European cities. As you can see, we are always very attentive to our expenses.

For income, our new “funding model” is entirely satisfactory and our CEO will show you the positive tables of this new funding model for 2021 and 2022. Webinars and some partnerships with industrialists are also part of our income. It is little but essential, especially in terms of communication. We hope for a beneficial world congress in Bangkok in terms of education, but also financial.

In 2022, we were surprised, like many, to see our return-on-investment decrease. Our return-on-investment constitutes part of our budget, so we will therefore have to redouble our efforts for 2023 to compensate for this loss.

In 2022, we continued our workshops, particularly in Africa. I was in Rwanda in September 2022 where I was able to attend this event organized by the SMIR whose subject was radiation protection.

Our Africa Regional Director, Boniface Yao, will provide you with an educational report. For the financial part, the budget was balanced and I thank the management team.
of this congress for its seriousness in the management of this event.

With COVID under control, travel resumes:

In September, a round trip to Bristol (UK) to meet with our CEO, our accountant and our investment company. Our financial and accounting situation is sound according to their respective reports.

October 25-27, I was invited by the RASE to Dubai for the 7th ARM. This congress brings together both radiologists and radiographers.

In November, I participated in a webinar with our colleagues from Madagascar ANPIM who were celebrating the international day of radiology, a very active association in this huge country.

November 11 & 12, I was at the EFRS AGM in Helsinki, Finland on behalf of the French Association AFPPE. I was also invited from November 17-19 to Ramala in Palestine by the PAMRT to the first PCMRS congress of this young association.

I also participated in the 12th ISRRT/AFPPE workshop in Cotonou, Benin, organized by the new association of this country, the APSTIM.

I would like to point out that the congresses and meetings in Dubai, Helsinki, Palestine and Benin are not charged to the finances of the ISRRT but are paid for, either by the organizers or by the French association AFPPE.

In December 2022, elections for the new ISRRT Board will took place in Bangkok.

I decided to run for a second and final term as treasurer of this association in which I have been involved for more than 25 years. I would like to thank all the board members and our C.E.O for their trust and their work.

And for our president Donna Newman, I would like to personally congratulate her for her unfailing involvement in our association. She has had the most difficult mandate to manage during the 2 years of COVID-19 and we can thank her for the results obtained.

Let’s not forget that the members of the board are all volunteers, like many of you, by the way and we can be proud to be at the service of our beautiful profession.

Philippe Gerson
ISRRT Treasurer
2022 Marion Frank Awardee:

Dr Sal Martino

By Donna Newman

AT THE OPENING CEREMONY of the 22nd ISRRT World Congress held in Bangkok, Thailand, ISRRT President Donna Newman presented Dr Sal Martino with the Marion Frank Award. The Marion Frank Award is awarded to an individual who demonstrates outstanding service to the international community of radiographers, is a contributor to professional development and education globally, shows evidence of a high level of professionalism and integrity, demonstrates humanitarian values through unselfish, compassionate service to those in need in the radiologic community and is a recognized contributor to the profession of radiography globally.

Dr Sal Marino has been a long-time supporter of the ISRRT Mission “To improve the standards of delivery and practice of medical imaging and radiation therapy throughout the world”. Sal’s outstanding service to the international community of radiographers and radiological technologists over his past 22 years at American Society of Radiological Technologists (ASRT) has included personal and professional volunteering time with contributions to education, research, professional standards, and global health.

Dr Martino has been a champion for research in the profession for many years. He was appointed to the Academy of Radiology Research, whose purpose was to advocate for the establishment of imaging research at the National Institute of Health. Sal created ASRT’s first-ever Research Department and spearheaded the development of longitudinal research studies that are now nationally recognized as the industry standard.

Through the ASRT Foundation, Sal created the International Speakers Exchange Award. For more than a decade, the ASRT Foundation has funded radiologic technologists, which promotes global cooperation through sharing research, best practices, and professional development in the radiologic sciences.

In the area of global research, Dr Martino has continued to demonstrate outstanding service for the international community by partnering with the College of Radiographers (SCoR) to establish a 3-year International Collaborative Clinical Research Grant.

Dr Martino has presented several international lectures relating to research and advancement of the profession at several ISRRT World Congresses, including the World Congress in Hong Kong and Amsterdam. As ISRRT’s keynote speaker in 2008 in Durban, South Africa, Sal presented the “International Survey on Role Extension/Advanced Practice.” This research was conducted by the ASRT under Sal’s guidance and helped contribute to global research and the development of advanced practices in many countries which contributed to elevating standards for patient care worldwide.

Dr Martino demonstrated his humanitarian values through unselfish, compassionate service to those in need in the radiologic community through the ASRT Foundation Community Outreach Fellowship program. This partnership assisted in helping 17 underserved countries in Africa, Asia, Central and South America, and the Caribbean providing much-needed education and training in the radiology sciences.

Dr Martino’s contribution to the global profession through a collaboration with the American College of Radiology to develop a four-year curriculum for radiography for the State University of Haiti, will elevate quality medical imaging in Haiti.

As a supporter of global education in 2010, along with several other societies, he contributed to the establishment of an ISRRT international travel fund which enabled radiographers and radiological technologists from developing countries around the world to have an opportunity to attend an ISRRT World Congress.

Education for professionals is important to Sal; because of this, he has cosponsored workshops, provided expert speakers and personally contributed as a speaker.

ISRRT Board of Management couldn’t think of a more deserving individual to receive this award.
Every other year, the three Baltic countries Estonia, Lithuania and Latvia organize a congress in radiology. The language of the congress is English since there are major language differences between the three countries, and it is a collaboration between the national radiologists, nuclear medicine and radiographers associations.

This year it was Tallinn in Estonia that hosted the congress and brought together more than 700 participants and 110 speakers. This is a little more than what was usual before the pandemic and is probably one result of the fact that it was a full four years since they were last able to organize it. The congress building itself was an old factory building that was now adapted for large meetings and cultural activities, and the congress’s gala dinner was in a maritime museum with, among other things, a huge submarine in the middle of the room.

The program was over three full days and had six parallel sessions. I attended several of the most radiographer-oriented lectures and I think most held a high level both academically and in English. This is a congress that I think can be a good and more affordable alternative to for example ECR and RSNA, especially for Europeans and if it is only professional lectures that attract rather than large exhibitions of the supplier industry.

It is also worth mentioning that the Baltic countries are very attractive tourist destinations. The standard at the hotels, shops and restaurants is generally high and the prices are pleasant from a Norwegian perspective. The cities of Tallinn, Riga and Vilnius which often host the BCR are all very nice to walk around in with their many well-preserved historical buildings and museums.

I myself was invited to give a presentation on behalf of ISRRT in my role as VP Europe Africa, where I gave international perspectives on the radiographer profession and its development and opportunities. Here I showed why there is a need to stand together in a global organisation as ISRRT, what we have achieved and what we are working on. Interest in the session was very high and it also took place in the largest plenary hall. The fact that the hall was full of participants was largely due to the fact that all the presentations, after mine, were by radiologists from Ukraine. It was an incredibly big transition from my lecture to hearing about and seeing pictures of the horrible experiences from Ukraine; How they manage to carry out radiology in rain of bombs, hospitals that are damaged or completely bombed to pieces, the large number of life-threatening war injuries just mention some of the issues. In addition, over a third of the staff in radiology departments have had to flee the country and many have been called up as soldiers. There was also a lecture about amputations and how this could best be carried out and followed up radiologically. One of the radiologists from Ukraine tried to look a little positively at the situation in all the tragic and said that they now at least have gained unique expertise in the diagnosis and treatment of war injuries and that this may be beneficial to learn from by others.

It made a strong impression to see photos and videos from Ukraine and I am basically glad I was the first speaker in the session. I actually don’t know if I would have got through my lecture if the order had been reversed.

In other words, to sum up, it was a contrasting and informative congress.
Thai culture on full display at the highly successful 22nd ISRRT World Congress

Bangkok, Thailand
December 15-17, 2022

Report by Kitiwat Khamwan, ISRRT Regional Coordinator, Education for Asia/Australasia

THE 22ND INTERNATIONAL SOCIETY OF RADIOGRAPHERS AND RADIOLOGICAL TECHNOLOGISTS WORLD CONGRESS
c-hosted with the Thai Society of Radiological Technologists (TSRT) was successfully held in Bangkok, Thailand December 15-17, 2022. The theme for the congress was “New normal in medical imaging and radiation therapy” aiming to gather radiographers/radiological technologists and allied health professionals from all over the world for the sharing of knowledge, expertise, scientific discussions, cultural exchange and medical technologies updates after ending such a long COVID-19 pandemic. The congress attracted more than 782 delegates from 43 countries around the world, and this was the first time ISRRT WC was held in Thailand.

The comprehensive scientific program included 48 sessions comprising one keynote presentation, 15 invited talks, two pre-congress, 20 parallel sessions for proffered paper presentation (115 oral papers, 93 e-posters), five lunch-symposium talks, and five vendor talks. There were 38 exhibitors including diamond, gold and silver level sponsorships plus academic booths supported this congress as well. Furthermore, four-pages full-papers more than 60 topics were submitted to the congress, and the book of proceedings has been published on the congress website https://isrrtbangkok2022.org. All accepted abstracts for the ISRRT WC2022 e-posters and oral presentations were published prior to the conference in the Journal of Medical Imaging and Radiation Sciences (JMIRS) as an open access online conference supplement at www.jmirs.org/. The JMIRS also encourages authors to submit their full research/review articles for consideration. The author guidelines are available at www.jmirs.org/content/authorinfo. The JMIRS is indexed in MEDLINE (PubMed) and will receive an Impact Factor in July 2023.

The ISRRT regional meeting and council meeting was held prior to the congress December 13-14, 2022. Since the 2018-2022 ISRRT Board of Management (BOM) has ended their term, the election for 2022-2026 BOM was held at this council meeting. Election to the ISRRT Board of Management and as a regional coordinator is a privilege that carries significant responsibility. Member societies have a right to expect that board members and regional coordinators will contribute fully to the task of governing and...
directing the ISRRT. A list of all those who have been nominated, their home country, the nominating society(s) and their CVs have been made available to all member societies. As such, we proudly congratulate Napapong Pongnapang for being the newly elected ISRRT President for 2022-2026.

The first day of the congress in the morning on December 15, was designated as the pre-congress workshops in which the focus was on the continuing education of radiological technologists and students. The first session was conducted by Stewart Whitley, ISRRT Director of Professional Practice, in the topic of “The importance of ethics in radiological protection – a practical perspective for medical imaging”, and the second session was conducted by Dr Safora Johansen and IAN steering committee members in the topic regarding the education & research workshop for International Academic Network (IAN) program. The opening ceremony was held in the afternoon at 1.30pm with the welcoming speech by the ISRRT President Donna Newman, ISRRT CEO Dimitris Katsifarakis, ISRRT WC2022 Convenor Napapong Pongnapang, special guest Bangkok Governor Chadchart Sittipunt and TSRT President Sala Ubolchai. During the opening ceremony, the Thai cultural show regarding mask dance and tom-tom dance was presented by Triam Udom Suksa high school students, this was followed by the flag ceremony and parade of the members, and highlighted ending ceremony with lighting of the globe by ISRRT President.

Hutchinson lecture during opening ceremonies
One of the ISRRT long traditions is the Hutchinson lecture which is presented by a Keynote speaker during the opening ceremony. Ernest Raymond Hutchinson, sometimes called Hutch, was one of the founding pioneers of the ISRRT. Hutch a professional from Wales was elected as dual role of both Secretary General and Treasurer at the 3rd ISRRT World Congress held in Rome in 1962. Hutch Hutchinson served these dual roles for the next 14 years. It was during this third World Congress that many of the ISRRT traditions began and are still used today. Many of ISRRT’s traditions came from Hutch’s involvement with the ISRRT, the process of countries at the opening ceremony, the tradition of host countries receiving gifts at the closing ceremony and the concept of one member representative per country at ISRRT council meetings. Hutch Hutchinson is credited for helping to establish the ISRRT as an official non-governmental organization with official ties to the World Health Organization and establishing the ISRRT as a charitable Organization. Hutch held both positions until the World Congress in Madrid in 1973. The ISRRT established an official scientific lecture to honor Ernest Raymond Hutchinson. This honor is given to an individual who themselves serves the profession as global leader. This lecture is presented at each world congress at the opening ceremony as the keynote speaker for that
world Congress. This year Hutchinson Keynote speaker chosen for
the 22nd ISRRT world congress was Dr Tyrone Goh, ISRRT past
president, and his Keynote address was “Beyond Radiography-My
journey”.

The second and third days were devoted to 15 invited lectures,
oral presentations and e-posters on various topics of radiological
technology and related helds, as well as the social programs. The
scientific sessions played a vital role in disseminating knowledge
and provided the optimal platform to discuss new avenues in
radiological technology. This year’s conference focused on the
new emerging trends in CT/MRI, radiotherapy, nuclear medicine,
diagnostic radiology, interventional radiology, radiobiology,
radiation protection and regulations, radiological technology
education and training, and artificial intelligences. The key scientific
sessions for invited lectures were the followings:

- ISRR’s ‘Safety culture and general safety management guide
  for diagnostic imaging and radiation therapy departments’ – a
  brief overview
- ISRR’s ‘Safety culture and general safety management guide
  for diagnostic imaging and radiation therapy departments’ –
  risk management in radiation therapy
- shielding: the continued discussion
- Revision of the radiological technologist act and expansion of
  practice in Japan
- Physical principles behind diffusion imaging - an overview
- The impact of 3D virtual reality radiation safety training upon
  radiography and medical students
- A bird’s eye view on research activities
- The new normal in Canada – insights from the CAMRT
- Latest clinical application in x-ray CT
- Strengthen of radiographer’s professional development in
  Indonesia
- Current and future trends in magnetic resonance imaging
- Interventional radiology from back to the future
- The advanced of radiobiology in the radiologic sciences
- Challenging of personalized molecular dosimetry for
  theranostics and radiopharmaceutical therapy in the era of
  precision medicine
- Simulated patient training toward OSCE (Objective Structured
  Clinical Examination) in Japan

On social activities organized by the Thai Society of Radiological
Technologists (TSRT), a Gala Dinner was held on a cruise along
the Chao Phraya River on the Friday night, 7.30pm – 10.00pm at
Asiatique the Riverfront. The dinner set a good example on how
radiographers/radiological technologists from different countries
can unite together via cultural exchange. The organizer has also
arranged a lucky draw sessions to give away presents to the lucky
delegates.

In the spirit of sustaining the future of the profession, travel
support fund supported by the ISRRT was given out to 13 awardees to participate and present their papers at the congress. The fund is provided to assist radiographers/radiological technologists and students to travel from their place of residence to attend the World Congress, plus 180 Euros cash for ground transportation. The awardees who received the ISRRT TSF were the following: Anjan Dangal (Nepal), Auwal Abubakar (Nigeria), Barare Caesar (Kenya), Catherine Muchuki (Kenya), Diana Robert Mafe (Tanzania), Elizabeth Balogun (Nigeria), Joseph Diana Zira (Nigeria), Michael Sunday Okpaleke (Nigeria), Samuel Shem (Nigeria), Stephen S. Mkoloma (Tanzania), Suraj Sah (Nepal), VG Wimalasena (Sri Lanka), and Zuberi Adam Francis (Tanzania). After congress participation the awardees must identify how they plan to share their experiences with the profession including how this visit and their experiences will strengthen the profession in their country within two months of returning to their country.

Closing ceremony
The session began another new tradition to honor the newly elected individuals’ as they serve their term on the ISRRT Board of Management and ISRRT regional coordinators for 2022-2026. Most of the progress and success of an organization is determined by the interest, activity and unselfish devotion of its leaders. An installation ceremony was incorporated into the closing ceremonies for the newly elected individuals to accept the responsibility to assist the ISRRT membership on behalf of the affairs of the ISRRT. The highlight of every World Congress is the traditional installation of the newly elected ISRRT President. As tradition of the ISRRT, Donna Newman the current ISRRT President presented the President’s badge to the newly elected President Napapong Pongnapang and with this transition of the badge he was duly installed as ISRRT President.

The closing ceremony also included the traditional handing over of the ISRRT flag from the ISRRT Director of Public Relations and Communication to the 2024 convenor and host of the 23rd ISRRT World Congress, Denmark. At the end of the closing ceremony current ISRRT President Donna Newman turned off the globe and hit the gavel on the podium to announce the congress closed. The gavel was ceremonially handed over to Napapong Pongnapang, to officially signify him taking over as ISRRT President.

Last but not least, the organizing committee of the 22nd ISRRT WC2022 would like to take this opportunity to express our gratitude to all the supporting organizations, government agencies, industrial partners, universities, invited speakers, foreign and local delegates for making this Congress a great success. These supports are greatly appreciated. All memorable photos of the congress can be found on the Facebook page of Thai Society of Radiological Technologists (TSRT). The 23rd ISRRT WC2024 will be held in Denmark and we hope to see many of you there.

Kitiwat Khamwan
INTERNATIONAL CONFERENCE ON RADIATION PROTECTION AND SAFETY IN RWANDA: EXPERIENCE FROM DEVELOPING COUNTRIES

KIGALI, RWANDA
SEPTEMBER 5-8, 2022

REPORT BY HABIMANA JEAN FELIX, PRESIDENT/LEGAL REPRESENTATIVE SMIR AND ISRRT COUNCIL MEMBER, AND BONIFACE K. YAO, ISRRT REGIONAL DIRECTOR, AFRICA
1. Introduction

The Society of Medical Imaging and Radiation in Rwanda (SMIR) hosted the International Conference on Radiation Protection and Safety in collaboration with the International Society of Radiographers and Radiological Technologists, with other Government partners, i.e., Rwanda Ministry of Health, Rwanda Biomedical Centre (RBC), Rwanda Utility and Regulatory Authority (RURA), University of Rwanda/ Medical Imaging Science Department, Rwanda Standard Board (RSB), Rwanda Allied Health professional Council (RAHPC), and with private partners such as Kipharma - General Electrical (GE), Crown Healthcare Ltd, Dynamic Health Care/Quest Healthcare Services LTD and AfriChem Rwanda Ltd/Konica Minolta. The conference was held in Kigali, Rwanda at Nobleza Hotel, September 5-8, 2022.

A total of 149 delegates participated in the conference with different categories including radiographers, radiologists, general practitioner doctors, biomedical engineers, hospital Director of Administration and finance (DAF), Director General of hospitals, regulatory bodies, students, academicians and researchers. Different countries from around the world were presented including the Republic of Rwanda, the United Republic of Tanzania, the Republic of Kenya, the Republic of Burundi, Democratic Republic of the Congo, the Republic of Cameroon, the Republic of Côte d’Ivoire, the Kingdom of Eswatini, the Federal Republic of Nigeria and the French Republic.

The theme of the international conference was "Radiation protection and safety for professionals involved in the use of ionizing radiation: Perspective from resource-limited medical imaging services".

The organizing committee were composed by local and international team and majority of countries have appointed a focal person for organizing conference. Therefore, the following organs were delegated the team for facilitating the organization: MOH/RBC, ISRRT, SMIR Executive Committee, SMIR Education and Research Commission, SMIR radiation protection Commission, University of Rwanda-Medical Imaging Science Department, Rwanda Utility and Regulatory Authority(RURA), and Rwanda Convention Bureau.

The opening session was started by Habimana Jean Felix, SMIR President, who provided the welcome note that emphasized on thanking all participants, partners and briefly explained the conference theme and main objectives as well as intended conference outcomes. He also explained what SMIR is and why it was chosen to host the conference and ended by requesting the Guest of Honor to advocate for capacity building of radiographers. He then delivered a speech to Boniface K. Yao and Philippe Gerson, ISRRT representatives who briefly explained about the ISRRT and why they have chosen Rwanda to host this conference. Then the speech was delivered to Prof. Mark Chukwundi Okeji from Nigeria where in his speech emphasized on advocating all developing countries for having in place the improved safety services of radiography and affiliated subjects.

The conference was officially opened by Dr Corneille Ntihabose, Head of Clinical and Public Health Service Department at Ministry of Health, Rwanda on behalf of Honorable Dr Ngamije Daniel, Minister of Health Rwanda, who started by expressing his pleasure of welcoming all participants in conference which is a good opportunity for Rwanda. He continued by thanking the leadership of SMIR and its partners for organizing and hosting the event that accommodate participants from different geographic areas.

The Ministry of Health recognize the contribution of medical imaging in diagnosis of different disease and improvement of health care delivery in Rwanda. Radiation protection and safety is among the prioritized agenda in Rwanda country and appreciate the continued support by the professional association and the council, which is aimed at safe use of radiation in medicine while protecting our patients, helpers, other healthcare professionals and Public Environment at large from potential harmful effects associated with the use of the above technology. He ended his speech with thanking the ISRRT for their great support to member professional societies worldwide and Rwanda in particular and wishing a successful and productive conference.

After the opening ceremony, the scientific program commenced. The scientific program had the following main components: General overview on radiation protection and safety, academic curriculum position on radiation protection, research and evidence-based practice, regulations, and policy making for informing decision-makers among others.
3. Methodologies used in delivering the scientific program

The scientific committee of SMIR and ISRRRT launched the call-for-abstract submission from experts, scientists and practitioners from International as well as local-regional specialists in radiation protection and safety. In addition to this, since the conference has been designed for raising awareness purpose, event uses lecture presentations, group discussions and interactions too.

The particularities of this conference is based on facts that every day, experts provided case studies for discussion and reflection more on current practices in daily activities.

At the end of the conference all professionals’ categories based on their responsibilities in leadership position in hospitals, were sited on round table and share their experience from their working place by identifying the gaps available in terms of radiation protection and safety for fulfilling the national standards requirements.

Several recommendations were formulated for advocating at central level among decision-makers.

4. Out conference activity through Visit Rwanda Program

Since many participants from abroad showed their expression of interest to know Rwanda with its current development in all sectors comparing to its historical perspective:

Society of Medical Imaging and Radiation in Rwanda as organized a successful Kigali Tour. They first visited Kigali Tutsi Genocide Memorial site at Gisozi, Gasabo, and Kigali City: It was explained in detail from
the historical perspective to understand the events leading up to the genocide against the Tutsi that occurred in Rwanda in 1994.

"After an emotional visit to the Rwandan Genocide Museum, the Regional Director of ISRRT, on behalf of the Board of Directors of the society and on behalf of the World President, laid a bouquet of flowers in memory of the victims. It was a gesture of great international significance to the honor of radiographers in Africa and around the world."

And after, the Kigali tour continued to different beautiful places in Kigali to see the progress of Rwanda development disputing its past negative history.

Canal Olympia located at Rebero and Mountain Kigali Hills was visited for jogging with beautiful views of Kigali City.

5. The conference closing ceremony and different remarks from different categories of participants

During the last day of the conference, the special attractive approach was used in successfully achieving the target and goal of the conference program.

After the scientific parts presentation, Emmanuel Abenanye, the day moderator, called upon the Rwanda Biomedical Center (RBC) representative who introduced the commitment from MOH/RBC toward the promoting radiation protection and safety in all aspects.

Thereafter, he called upon the Representative of DGs, DAF and Director of clinical and allied Health Services as well as Biomedical Engineers who presented what they have learnt from the conference, current and future changes to be made in the hospitals as well as issues that need further advocacy at central levels which were addressed as recommendations.

The conference officially closed on September 8, 2022 by Noel Korukire, Senior Lecturer at University of Rwanda and Chairperson of Rwanda Allied Health Care Professional (RAHCP) who encouraged all associations to come for learning from SMIR on their expertise in preparing a successful international conference and ended with issuing the certificate for participation.

6. Lesson learnt, changes and improvement to be done and recommendations/resolutions from international conference on radiation protection and safety

6.1 Lessons learnt as an outcome of the conference

1. Director General of hospitals got updated policies in place on radiation protection and how to comply with them and Acquired knowledge on providing quality of health care services by ensuring safety for the clients and staff;

2. While Director of administration and finance (DAFs) of hospitals expressed that they gained knowledge and skills on the negative effect of radiations to human lives and safety especially those
exposed to those radiations such as imaging staff and hospital clients (patients); How a safe working environment look like in terms of Infrastructure, equipment that enables exposed people to be free of negative effect of those radiations; The role of Hospital leaders and managers, especially hospital DAFs, in protecting our staff who are exposed to those radiations on a daily basis and our clients (patients); and The process of acquiring the license to ensure the working environment meet the required standards were acquired.

6.2 Changes and improvement to be done in the hospitals post acquiring skills in conference: DGs and DAFS perspective

1. Advocacy on hiring enough staff in imaging department to enable the management to reduce the contact time with the radiations (6hours per day)
2. To allocate necessary budget for protective equipment and material to reduce the effect of those radiations on the imaging staff lives and clients/patients’ lives.
3. To undergo the process of acquiring the license to ensure that our infrastructures and equipment meet the required standards

6.3. Recommendations and resolutions adopted from conference:

1. Governments from developing countries should conduct need assessment in all old Hospitals and support them to comply on radiation protection standards.
2. Ministry of Health from developing countries should intensify trainings and conduct capacity buildings (Training and upgrading academic levels) of hospital key persons such as Radiographers and Biomedical technicians to be able to conduct regular preventive and some curative maintenance that will result in ensuring safety culture.
3. The regulatory authority should strengthen rules and regulations on radiation protection and avail them to end user as well as reinforce awareness on existing policies and dissemination campaign to the implementers for easy compliance.
4. Hospital managers should keep improving quality of health care services by ensuring safety for patients and staff through prepare maintenance plan of hospital infrastructures and equipment and ensure its implementation, avail sufficient PPE for staff and patients and conduct continuous professional development for all hospital staff.
5. The regulatory authority should play a significant role in project design as well as implementation of new health facility construct to see if all necessary quality requirements (equipment and materials) are available and adhered to before utilization or usage of the health facility.
6. Private sectors requested the timely release of license by regulatory authority if all requirements are fulfilled.
7. The ministry of health as the custodian of health facility staff structure should review the structure and increase the number of imaging staff on the facility structure with a view of facilitating staff rotation hence reducing contact hours with radiations.
8. The Ministry of health in collaboration with Insurance companies should put in place mechanism of insemination and rehabilitation of people suffered of consequences of being exposed to radiations.
9. The Ministry of health should look how renovate old infrastructures of different health facilities to enables them to meet the quality standards.
10. Governments’ institution in charge of procuring imaging equipment, construction and materials should collaborate to comply with international quality standards requirements established and provide sufficient Hospital infrastructures and medical equipment and ensuring that all their staffs involving in process may need to undergo the necessary trainings on the use of those equipment.
11. Government should then avail a maintenance contract of those equipment as the one to undergo the procurement process of these equipment with high skills terms of references.
12. The government can help in disposing off equipment and materials not in use and kept in hospital stores and places.
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ISRRRT ATTENDS THE INTERNATIONAL CONFERENCE ON OCCUPATIONAL RADIATION PROTECTION

GENEVA, SWITZERLAND
SEPTEMBER 5-9, 2022
REPORT BY DONNA NEWMAN, ISRRRT PRESIDENT
THE THIRD INTERNATIONAL CONFERENCE on Occupational Radiation Protection took place in Geneva, September 5-9, 2022. The Global Conference was organized by the IAEA in collaboration with the International Labor Organization and was hosted by the Government of Switzerland. The Conference was attended by 700 invited radiation experts from 105 countries representing regulatory bodies, workers’ associations and employer’s organizations.

The experts were invited to identify emerging challenges and opportunities for workers working with radioactive materials. This Conference was the third of this nature, with the first Conference held in 2002 and the second in 2014. I was lucky enough to have had the opportunity to represent the ISRRT at the 2014 conference as the ISRRT Director of Professional Practice at that time, sitting on a panel to discuss occupational radiation protection in medicine.

At this 2022 global conference, Donna Newman, ISRRT President and Dimitris Katsifarakis, ISRRT Consultant CEO, attended, representing the radiographers/radiological technologists voice globally.

The conference reviewed the published International Standards and recommendations on occupational radiation protection and discussed the progress which has happened ever since the first Conference was held in 2002. The Congress had a session where the speaker presented the latest finding and a round table discussion that identified priority actions that would contribute to improving the global occupational radiation protection system.

As ISRRT President, I participated and presented in the session on occupational radiation protection in medicine. I spoke on the radiographers’ and radiological technologists’ ‘International Perspectives on Occupational Radiation Protection in Medicine’. Representing our global voice, I presented that Occupational Radiation Protection is a shared responsibility of the entire radiology team, including the radiologist, medical physicist, and radiographers/radiologic technologists. As radiographers/radiological technologists, we already follow the ICRP 2008 recommendations of Justification, Dose Limitations, and Optimization of protection in our daily practices.

I also presented that with shortages of human resources, smaller budgets, and the fast pace of new radiation protection devices being marketed worldwide, it is essential to determine the practical science of protection from such marketing. Studies show that education that includes both theory and practical instruction is needed to benefit our profession in the long run relating to radiation protection. I was also able to present that radiographers/radiological technologists needs to be involved in representing their voice and giving input that will benefit our profession when international standards and guidelines are being developed and updated.

I concluded my presentation with the essential priorities for radiographers/radiological technologists worldwide which include:

- Better ‘Quality Assurance and Quality Control Standardization’ in all countries
- Close the gap that exists in radiation protection education programs worldwide
- Ensure that all workers have access to radiation protection devices (aprons, thyroid shields, and lead glasses)
- Produce Non-traditional educational material relating to fundamental and new technology with best practice guidelines

Watch in the near future for the proceeding of this important meeting. Know that the ISRRT will be there to represent your global voice as guideline and standards are updated from the outcome of this meeting.
ISRRT INVITED TO OBSERVE THE EFRS AGM

HELSINKI, FINLAND
NOVEMBER 8, 2022
REPORT BY HÅKON HJEMLY, ISRRT VP EUROPE AFRICA
IN LINE WITH the present MoU (though it expired last March) with the EFRS, the ISRRT was invited to observe their annual AGM.

As the ISRRT representative I attended the whole meeting and social events and also took part in the group discussion on how to maximise the use of the recently published EFRS White Paper on the future of the profession; the Radiographer Education, Research, and Practice (RERP). The two previous EFRS AGMs had been held online due to the COVID-19 pandemic and all seemed to be very happy to meet again in person.

The AGM was a big success, covering a long list of agenda points, activity presentations from various working groups and projects, strategic plans, huge increase in budget, group work and elections. With one application from Albania approved at the AGM, the EFRS now has 48 radiography societies and 67 universities as members.

The budget of the EFRS was increased significantly in order to increase the CEO and office support part. The workload on individual board members and the president has been very high and the AGM agreed to the need of strengthen the administrative support.

The AGM also had to elect a new president one year earlier than planned due to the resignation of Charlotte Graungaard from Denmark, who felt the combination with her job as society president in Denmark was no longer possible.

The new EFRS President is Andrew England, who has a long record with the EFRS and the Educational Wing.

Ahead of the AGM there was held a online election for a new board member and this was announced to be Rute Santos from Portugal. As part of the earlier election of president than planned, Charlotte Beardmore agreed to stay on one more year as Past President.

The EFRS AGM 2023 will be held in Croatia in the last week of October as part of the EFRS Summit.

The “News from ISRRT” was also on the agenda, and I got to give a 10-15 min presentation. Since not all EFRS societies are a member of ISRRT and several of the people attending were relatively new and inexperienced on international issues, I had some slides that explained what the ISRRT role is and what our mission is. I then showed some of our activities from last year, the ISRRT International Academic Network and talked about upcoming WC in Bangkok and Denmark. I also mentioned the ISRRT Meets India at ECR, and the plans for WS in Europe in 2023 and that we would get back to the EFRS on this later.

I also mentioned the need to renew our MoU and that the new motto of the EFRS “Building the future together” sounds very good to the ISRRT.
ISRRRT ATTENDS RSNA 2022

November 27 - December 1, 2022
Chicago, USA
REPORT BY DONNA NEWMAN, ISRRRT PRESIDENT
DONNA NEWMAN, ISRRT PRESIDENT, Sharon Wartenbee ISRRT Regional Director of The America’s and Napapong Pongnapang, ISRRT Vice President Asia/Australia and ISRRT Consultant CEO Dimitris Katsifarakis attended the RSNA, 2022 on behalf of the ISRRT.

The ISRRT board members present represented the ISRRT members’ global voice during key stakeholders’ meetings. One of these was the international Society of Radiologists (ISR) Quality and Safety Alliance Meeting where key international stakeholder organizations get together to collaborate on quality and safety in medical imaging. I presented on behalf of the ISRRT as ISRRT President and Napapong Pongnapang, incoming ISRRT President, came along to meet the leadership of the ISR. It was a great opportunity to show case ISRRT and ISR collaboration on the ISRRT Facebook live over the last year. The ISRRT and the ISRT collaborated on two joint ISRRT Facebook live sessions to elevate healthcare globally. The first session educated our profession on Patient Safety for the WHO World Patient Safety Day and the second one addressed a current professional practice issue affecting most of the world - the issue on gonad shielding.

By partnering with global stakeholders and using a team approach with one voice we will definitely impact and influence change. The meeting brought renewed collaboration to host another joint session for the World Patient Safety Day in September of 2023 as well as hosting another session to update on progress on gonad shielding around the world. The ISRRT is looking forward to this continued collaboration.

During the ISR Quality and Safety Alliance meeting ISRRT President Donna Newman and ISR President Renato A. Mendonca signed a renewed five-year Memorandum of Understanding (MOU) between the two organizations. This MOU enforces the strong collaboration and cooperation between both organizations to promote high standards of patient care, radiation protection, ethical consideration and topical issues within the scope of the professions. The MOU also promotes the collaboration of professional matters affecting both professions.

While at RSNA we took the opportunity to collaborate and network with ISRRT member societies during the exhibition hall hours, participated in educational sessions, met with vendors about collaboration opportunities and helped host the Associated Science Consortium. The ISRRT along with 11 other associations continue to provide the Associated Science Consortium educational lecture and seminar programme which is held at every RSNA on the Monday and Tuesday of the event. The goal of this consortium is to develop educational programs targeted at the members of the 11 associations that represent the various disciplines that function within radiology departments. The 11 associations include AEIRS, AHRA, AIA-AAH, ASRT, AVIR, CAMRT, CoR, ISRRT, RBMA, SMRT, SNMTS.

The usual Stakeholders’ meeting also began planning for the next year’s Associated Science Consortium for 2023. The ISRRT Regional Director of The Americas represented the ISRRT at this meeting. As ISRRT President, I brought our incoming ISRRT President, Napapong Pongnapang, along to help make a smooth transition for the next years organizational meetings. The ISRRT is very excited to bring forward the topic of ‘Theranostics in Medical Imaging’ forward as a topic for the 2023RSNA Associated Science Consortium.

This year the ISRRT partnered with the ASRT and co-sponsored two speakers for the afternoon session called ‘ISRRT /ASRT session Shielding the continued Discussion’. ISRRT Vice President Napapong Pongnapang and ASRT Deputy CEO Melissa Pergola were speakers for session and ISRRT Regional Director, Sharon Wartenbee, served as the moderator for the session.

ISRRT Board members met British Institute of Radiology (BIR) to discuss collaboration for the next year between the two organizations. ISRRT was invited to participate in the next publication being produced by the BIR called, “Embracing the future: Community and technology in imaging and radiotherapy.” As incoming President for the ISRRT Napapong Pongnapang will run this project in the new year and represent the ISRRT global voice on this issue.

ISRRT was also invited to have a representative from the ISRRT join the BJRO Editorial Advisory Board. ISRRT President Donna Newman promised to add this to the ISRRT BOM agenda for their board meeting held in Bangkok in December. I am happy to report at the time I am writing this article the ISRRT BOM agreed through a motion to nominate a member of the ISRRT to join this BJRO Editorial Advisory Board. Napapong Pongnapang will be President at the time the nomination will need to be made so he will handle the next steps to this project in January, 2023.
WORLD RADIOGRAPHY DAY CELEBRATED AROUND THE WORLD BY ISRRT MEMBERS

NOVEMBER 8, 2022
REPORT BY DONNA NEWMAN, ISRRT PRESIDENT

THE ISRRT BOARD OF MANAGEMENT sends a special thank you and would like to celebrate and recognize its member’s knowledge, skills, expertise, and care that they take every day in their efforts to care for patients globally as frontline healthcare professionals.

ISRRT members celebrated World Radiography Day this past November 8, 2022. ISRRT wanted to share some of the celebrations that used the ISRRT World Radiography Day Poster.

ISRRT Board members started their celebration of World Radiography Day by participating in the ISRRT Facebook live session on November 6 at 7am Central Chicago time, celebrating “Radiographers at the Forefront of Patient Safety.”

The World Radiography Day theme, «Radiographers at the Forefront of Patient Safety,» was chosen to highlight the role that radiographers/radiological technologists play in promoting and maintaining radiation safety and general patient safety in all aspects of the patient journey.

World Radiography Day marks the anniversary of the discovery of x-rays by Wilhelm Roentgen in 1895. As radiographers worldwide, we use this day to celebrate and create public awareness about diagnostic imaging and radiation therapy to promote the radiographers’ vital role as part of the healthcare team and, specifically, this year, celebrate the frontline role we play in patient safety.

Radiographers/radiological technologists play a crucial role in applying important protocols and procedures, ensuring safe practice in radiation and other areas of our engagement with patients. Radiographers/radiological technologists use their high educational and professional standards to live out each day in their work environments significantly promoting and strengthening patient radiation safety and general safety standards worldwide.

As members of the ISRRT global organization, we are committed to improving healthcare delivery to people worldwide by promoting quality patient care, education, and research. As members, we embrace our core values: Promoting professionalism and integrity and bringing excellence and compassion in delivering medical imaging and radiation therapy for the patient.
WORLD RADIOGRAPHY DAY: TRINIDAD & TOBAGO

NOVEMBER 8, 2022
World Radiography day 2022 was quite the spectacle in Trinidad and Tobago as our Radiographers enjoyed sharing their expertise about the profession with the public and other professionals within their institutions. But the highlight of this year was our radiography school where our students were given the opportunity to show their skills as well as their interpretations of what the different subsections of the radiology department entails. On display were posters as well as model imaging equipments and what the images look like from these modalities.

The images on this page are from some of our celebrations in our radiography School.

Thanking all our colleagues around the world for all their hard work and dedication to our profession. Happy World Radiography Day!

Aneesa Ali
Society of Radiographers of Trinidad and Tobago
ISRRT Council Member
WORLD RADIOGRAPHY DAY: SRI LANKA

NOVEMBER 8, 2022

School of Radiography students, Sri Lanka.
The Society of Radiological Technologists – Sri Lanka celebrated the WRD2022 with an academic session, display of banners and garlanding the Roentgen’s Statue at the Radiology Department of the National Hospital of Sri Lanka.

The academic session was held at Hotel Manderina at Colombo 03. We adapted the ISRRT theme “Radiographer at the Forefront of Patient safety.” Mr Chathura Jayaruk Horadigala, the chief editor of the “Radiographer”, compered the proceedings. The programme started with traditional lighting of the oil lamp and reciting the National Anthem. The president of the society welcomed the gathering and presented the history of radiography and the evolutions that took place after the discovery of X-rays. He also highlighted the changes that took place in radiography education both in the world and in Sri Lanka. He concluded with the areas of patient safety that should be considered by the radiographers and how to optimize the procedures.

The two lectures were based on the theme. Dr Sunil De Silva, Dean, Faculty of Health Sciences of the Open University of Sri Lanka (OUSL) delivered the first lecture highlighting the Patient care, Professionalism and how the Radiographers could engage in continuing education at the OUSL. The second lecture was delivered by Dr Prasad Abeysinghe, Consultant Oncologists, Apeksha Hospital (the leading Cancer Hospital in Sri Lanka). He highlighted the radiation safety and categories of radiation accidents. He deliberated on the precautions, safety measures and protocols to be followed in a radiation accident. The programme was sponsored by Bayer and Haleys Life Sciences Ltd.

Meanwhile the garlanding ceremony took place at the National Hospital of Sri Lanka. The Director General of the National Hospital of Sri Lanka garlanded the Roentgen’s Statue at the Department of radiology. He highlighted the importance of the event and reminded the responsibilities of the radiographers to provide safe diagnostic and treatment procedures. It was attended by a large group of Radiographers, Doctors, Nurses and other employees of the department. All Radiographers at major hospitals in the country organized similar events to educate the staff and the patients about patent safety and the role of the radiographers.

President, SRTSL
I would like to share what has been accomplished during 2022, including various activities and tasks.

**ISRRT Live Webinar**
The ISRRT Live Webinar is a great project that was carried out. It is open access to our members globally. The project was initiated to raise awareness for the radiographers and radiological technologists who are frontliners dealing with the COVID-19 pandemics in the past years. The ideas were proposed to the Presidents Donna Newman by the Vice-President A/A. Napapon Ponnapang, and the ISRRT DoE: Yudthaphon Vichianin and our CEO, Dimitris Katsifarkis. Big thanks go to the TSRT (the Thai Society of Radiological Technologists) who sponsor the cost of Zoom Pro account enabling us to archive its goal. The grand total people reaches of all episodes are 551,400. The information for all episodes is presented in the table on the following page.

**e-learning platform**
An e-learning platform for free access e-learning platform for the ISRRT is one of the tasks for me as the director of education. The platform was developed and launched by the end of 2019 until now. We host online courses for free access. The up-to-date list of free courses for members include:

1. Introduction to ISRRT online asynchronous courses
2. Dose Reduction Techniques (Author: Sigurd Sundland)
4. Clinical Audit in Medical Imaging (Author: Hakon Hjemly)
5. Introduction to the Picture Archiving and Communication System (Author: Yudthaphon Vichianin)
6. Medical imaging equipment procurement and equipment specifications (Author: Stewart Whitley)
7. Osteoporosis and DEXA scanning (Author: Sharon Wartenbee)
8. International Covid-19 support for Radiographers and Radiological Technologists (Author: Stewart Whitley)
9. Practical guidelines for radiographers/radiological technologists during the pandemic COVID-19
   a. CT Examination during the pandemic COVID-19 By Efthimios Tim Agadakos
   b. Ultrasound Examination during the pandemic COVID-19 by Gill Harrison
   c. Delivery of External Beam Radiation Therapy during the pandemic COVID-19 By Anastasia Sarchosoglou and Rodanthi Karavelaki
   d. NM and PET - CT examination during the pandemic COVID-19 By Angela Meadows

The platform can be accessed at [www.elearning.isrrt.org/login/index.php](http://www.elearning.isrrt.org/login/index.php)

**ISRRT-WHO FCTC project**
This Tobacco Free Profession Project was very successful this year of 2022. It was initiated in 2019 and carried out during 2019-2022. This work was on a global scale online collaborations of international radiographers, radiological technologists with specific aim to minimize the tobacco use in our profession. The annual campaign was organized at the end of May raising awareness around the world.

Please refer to this publication from the ISRRT website at [www.isrrt.org/pdf/ISRRT-Campaign.pdf](http://www.isrrt.org/pdf/ISRRT-Campaign.pdf)
<table>
<thead>
<tr>
<th>Number</th>
<th>Episode Title</th>
<th>Date</th>
<th>Reach <em>(Nov 19, 2022)</em></th>
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<tbody>
<tr>
<td>1</td>
<td>Role of Radiographers and Radiological Technologists during COVID-19 pandemic: International perspectives</td>
<td>May 31st 2020</td>
<td>57,851</td>
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<td>2</td>
<td>Response to what the members need: Role of radiography professional organisation during COVID-19 pandemic</td>
<td>Jun 6th 2020</td>
<td>21,105</td>
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<td>3</td>
<td>Radiographers, are we ready frontliners during the COVID-19 pandemic?</td>
<td>Jun 28th 2020</td>
<td>80,005</td>
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<td>4</td>
<td>Quality Control of Radiological Equipment as a Role of Radiographers</td>
<td>Jul 12th 2020</td>
<td>29,287</td>
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<td>5</td>
<td>New normal in radiography education and training during Covid-19 pandemic</td>
<td>Aug 2nd 2020</td>
<td>12,735</td>
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<tr>
<td>6</td>
<td>Patient dose monitoring and management in clinical practice</td>
<td>Aug 16th 2020</td>
<td>20,932</td>
</tr>
<tr>
<td>7</td>
<td>Role of Radiographers in radiation protection</td>
<td>Aug 30th 2020</td>
<td>29,848</td>
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<tr>
<td>8</td>
<td>Magnetic Resonance Imaging (MRI) Safety</td>
<td>Sep 13th 2020</td>
<td>21,012</td>
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<td>9</td>
<td>WHO-Radiographers and Radiological Technologists Celebrating World Patient Safety Day</td>
<td>Sep 17th 2020</td>
<td>16,940</td>
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<td>10</td>
<td>Role of Radiographers in MR Safety: International Perspectives</td>
<td>Oct 18th 2020</td>
<td>34,415</td>
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<td>11</td>
<td>Overview of the current status of artificial intelligence (AI) surrounding the field of radiological medical technology</td>
<td>Nov 1st 2020</td>
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<td>12</td>
<td>Artificial Intelligence (AI) in radiography practice: International Perspectives</td>
<td>Nov 8th 2020</td>
<td>20,369</td>
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<td>13</td>
<td>Updates on Covid-19 pandemic: what have we learned?</td>
<td>Nov 29th 2020</td>
<td>18,922</td>
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<tr>
<td>14</td>
<td>The Radiologic Technologist Accepting the Challenges of Today’s Cash Lab</td>
<td>Dec 3rd 2020</td>
<td>19,003</td>
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<td>15</td>
<td>Role of Radiographers in Interventional Radiology safety: International Perspectives</td>
<td>Jan 24th 2020</td>
<td>25,956</td>
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<td>16</td>
<td>ISRRT meets new and provisional members societies</td>
<td>Feb 7th 2021</td>
<td>17,189</td>
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<td>17</td>
<td>Radiation safety culture task talks</td>
<td>Feb 28th 2021</td>
<td>12,541</td>
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<td>18</td>
<td>Radiographer’s Mammography education, training and professional practice requirements: Taiwan’s experience</td>
<td>Mar 21st 2021</td>
<td>16,983</td>
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<tr>
<td>19</td>
<td>Role of Radiation Therapists in Patient Safety on Advanced Radiotherapy Technology</td>
<td>Apr 18th 2021</td>
<td>12,932</td>
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<tr>
<td>20</td>
<td>The Role of the Nuclear Medicine Technologist (Radiographer) in Patient Safety and Quality using Advanced Nuclear Medicine Technology</td>
<td>Jun 13th 2021</td>
<td>6,654</td>
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<tr>
<td>21</td>
<td>World Patient Safety Day (ISRRT-WHO)</td>
<td>Sept 15th 2021</td>
<td>8,078</td>
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<td>23</td>
<td>ISRRT Special Program to cerebrate 2021 World Radiography Day</td>
<td>Nov 8th 2021</td>
<td>10,975</td>
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<td>24</td>
<td>ISRRT-Fujif Film FAHLA: Episode 2: Adaptive Radiography</td>
<td>Feb 26th 2022</td>
<td>13,028</td>
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<tr>
<td>25</td>
<td>Reflection on the Covid-19 Pandemic</td>
<td>April 24th 2022</td>
<td>2,255</td>
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<tr>
<td>27</td>
<td>ISRRT special webinar on Patient shielding: what is happening around the world.</td>
<td>October 17th 2022</td>
<td>3,515</td>
</tr>
</tbody>
</table>

*Reach: the number of people who saw your post at least once (Facebook definition)

The 2021 Campaign:
"Keep the next generation in radiography a non-smoking profession"

The 2022 Campaign:
“Tobacco: Threat to the Radiography Profession”

The ISRRT-WHO FCTC campaign in 2022 gained engagements approximately 974,999 views suggested by the social media statistics information as shown in a graph on the following page.
2022 World Radiography Day Social Media Campaign

The Campaign was carried out during the first week of November 2022. Thanks to Alain Cromp, the director of public relation who arrange the poster design for this event. A thank you video clip was created by Yudthaphon to represent the ISRRT appreciation of member participation in this global scale event. The clip included activity posts with specific hash tags #WRD2022 and #ISRRT from around the world taken from our ISRRT Facebook page then compiled into a short six-minute video. There were ISRRT 105 activity posts on the page and accumulated to 98,493 people reaches to this social media campaign for the ISRRT World Radiography Day 2022.

It has been a great year for challenges and opportunities for the ISRRT Board of Management to work for its member around the world at the international level. I need to deeply thank Donna Newman for her leadership and continuing support for me to work as the Director of Education. It has been my pleasure during my term 2019-2022.

Yudthaphon Vichianin
ISRRT Director education
It is hard to believe my four years as Director of Professional Practice has come to an end. It has been a great experience and I thank my Professional team for their support and input and the many colleagues who have supported me during this period.

As an international Organisation in official relations to the WHO and involvement with the IAEA we have contributed and played 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 and after the COVID-19 pandemic period.

At the time of writing ISRRT has been active in producing and circulating several helpful guidance documents, taking part in many virtual meetings and contributing to many WHO, IAEA and ICRP initiatives.

For the last four years we have also been involved in writing a number of important position statements Position Statements which can be found on the ISRRT website: Position Statements | ISRRT. There you will find lots of professional materials under the Professional Practice tab: PROFESSIONAL PRACTICE | ISRRT.

I am particularly pleased that we published the ‘ISRRT Safety Culture and General Safety Guide for Diagnostic Imaging and Radiotherapy Departments’. This can be found at: www.isrrt.org/isrrt-safety-culture-and-general-safety-guide. This is recommended reading and will assist in guiding radiographers on the journey of establishing and maintaining patient and staff safety.

This report highlights some of those recent activities and involvements:

**ISRRT Position statements**

As reported in my last report we have drafted and sought Council comments for two new position statements which hopefully will be approved at the Council meeting in Bangkok December 2022.

The position statements in question are:

• The role of Radiographers/Radiological Technologists in Dual Energy X-Ray Absorptiometry (DXA) scanning
  
  The ISRRT considers that radiographers and radiological technologists should have suitable working conditions to facilitate good mental health and kept free from Burnout. Additionally employers have a duty of care to assess the prevalence of burnout amongst their staff and to facilitate measures to promote recovery including regulations on maximum hours of shift work and consecutive shifts with nights and the number of hours of rest after night shifts.

I am pleased that another position statement will be added for Council to consider:

• Keeping Radiographers/Radiological Technologists in good Mental Health and free from Burnout
  
  The ISRRT considers that radiographers and radiological technologists should have suitable working conditions to facilitate good mental health and kept free from Burnout. Additionally employers have a duty of care to assess the prevalence of burnout amongst their staff and to facilitate measures to promote recovery including regulations on maximum hours of shift work and consecutive shifts with nights and the number of hours of rest after night shifts.

• The entry level competency requirements for therapeutic radiographer/radiological technologists
  
  The ISRRT supports entry-level competencies for therapeutic radiographer/radiological technologists which describe the practice requirements for entry-to-practise radiographers, to provide safe, effective, compassionate, and ethical patient care in a variety of global work environments.

This is an important topic and will assist in making sure that only qualified and competent professionals will be allowed to operate radiotherapy equipment which is not the case in certain places.

**International Commission on Radiological Protection (ICRP)**

Optimisation of Radiological Protection in Digital Radiology Techniques for Medical Imaging – Consultation Document and Webinars

The ISRRT has been involved in providing feedback and comments in a recent ICRP consultation document ‘Optimisation of Radiological Protection in Digital Radiology Techniques for Medical Imaging’. Additionally, I had the privilege on presenting as a panellist at the ‘ICRP Workshop for Task Group 108 - Optimisation of Radiological Protection in Digital Radiology Techniques for Medical Imaging” October 26-27, 2022, Virtual meeting, hosted by ICRP.

The ICRP completed a consultation on ‘Optimisation of Radiological Protection in Digital Radiology Techniques for Medical Imaging’ which can be found at www.icrp.org/docs/TG108%20Pt%201%20Optimisation%20in%20Digital%20Radiology.pdf

Individuals and professional organisation were given the opportunity to comment on the proposed document which closed for comments October 28, 2022.

The ISRRT submitted a number of comments and suggested changes (see below) to this important document which addresses a range of issues associated with CT and digital radiography imaging.
Dedicated time must be made available for the professionals to work together to meet emerging challenges in optimisation as applications of new equipment are developed. Digital imaging provides the potential for images to be obtained with lower exposures than possible using film screen combinations, enabling levels to be adapted to the diagnostic requirements of particular examinations. New techniques are continuously becoming available that can improve image quality and potentially enable diagnostic images. The document is very extensive, 101 pages long, and full of helpful information as to how radiologists, medical physicists and radiographers/radiological technologists can work together to ensure optimum image quality bearing in mind the risk of radiation to the patient.

The ISRRT feedback and comments included:
The ISRRT is pleased to comment and provide feedback for this excellent draft document which contains a lot of useful and well written content. We like the part on education and need for CPD. We are particularly pleased and support and welcome the concept of a team approach as radiologists, medical physicists and radiographers/radiological technologists working together have a lot of shared knowledge and experience in dose optimisation. However, we need to be mindful with the narrative in some places when phrases such ’radiographers can also perform’ and ’medical physicists supervising radiographers’ this could be seen as minimising the radiographers’ position suggesting to the readers that radiographers are not to be trusted for such tasks. Instead of saying ’under supervision of a qualified medical physicist’ say something like ’if required should be undertaken with the guidance and advice of a qualified medcal physicist’. – we don’t want to give the impression of a hierarchical structure.

In many situations radiographers carry out IPEM Report 91 Level A tests without supervision. In Japan, medical physicists are rarely active in the diagnostic field. Therefore, it should be clearly stated that radiographers/radiological technologists are responsible for quality control in the diagnostic field in such countries.

There are many terms used to describe the radiography profession across the globe i.e., Asia and the USA ’radiological technologist’, Europe ’radiographer’, Canada ’medical radiation technologist’ and Australia ’medical imaging technologist’. The ISRRT has agreed an appropriate definition ’Radiographer/Radiological Technologist’ to be used by international organisations. (www.isrrt.org/pdf/ISRRT_radiographer_definition.pdf). Therefore, terms such as ’technician’ should be deleted or replaced by the term ’radiological technologist’. We would also like some reference to training on the use of accessories and other devices such as contrast injectors which may affect image acquisition and contribute to image quality.

The radiographer’s role in justification process should me more emphasised, although we like that the term ’radiological practitioners’ is used, and that when reading it understand that this also includes radiographers in that group in this section of the document. We were a bit disappointed that there was inadequate mention of

The main points in the document are explained as:
Optimisation is a key principle of radiation protection. Medical exposures are the most significant contributor to the exposure of the population world-wide from artificial sources of radiation, so optimisation is especially important in this field. Optimisation of radiological imaging requires that dose levels are reduced as much as possible, while providing images of sufficient quality and appropriate coverage with the information required for the diagnostic purposes.

The emphasis on image quality has become crucial in digital radiology with more versatile image acquisition, post-processing, and presentation options. This requires a more rigorously defined optimisation process and awareness of underlying technical factors that are not always obvious.

The clinical risk from an examination for which the dose has been reduced to the point at which changes in diseased tissue cannot be visualised because the level of image quality is insufficient are likely to be high, compared to any additional risk from a higher radiation exposure. However, cumulative radiation doses from the ever-increasing use of radiology may result in health consequences that, although not immediately apparent, could manifest at a later point in time. Thus, it is a question of balance between different types of risks (potential long-term effects from dose and more immediate clinical consequences).

Uncertainties, which are specific to the procedure, make achieving this balance a challenging task for both technical and professional aspects. In order to ensure that optimisation is carried out, a facility must have sufficient imaging equipment, and enough staff who have been adequately trained to use it. The optimisation process starts with specification of the equipment required to fulfil the clinical need, and continues through its purchase, installation, acceptance, and commissioning. It includes the maintenance and the quality assurance programme which continue throughout the life cycle of the equipment. Optimisation requires the input of knowledge and skills on many different aspects of how radiological images are formed and so requires contributions from different healthcare professionals working together as a team. The radiologist or other clinician can judge whether the image quality is sufficient for the diagnostic purpose, the radiographer should know the practical operation and limitations of the equipment, and the medical physicist should understand the physical principles behind image formation and can perform and interpret measurements of dose and image quality.

In order to achieve optimisation, the three specialities, together with other healthcare professionals who will sometimes be involved, must have mutual respect for their individual skills and work together as a cohesive group (i.e. professionalism). Unfortunately, the levels of knowledge and skills in many countries are often inadequate to achieve good optimisation on more complex digital radiology systems at the time of preparation of this report. Increasing technical and computational complexity in radiology equipment and applications underlines the importance of multi-professional collaboration and dependency on the combined knowledge of different professionals. Dedicated time must be made available for the professionals to work together to meet emerging challenges in optimisation as applications of new equipment are developed.

Digital imaging provides the potential for images to be obtained with lower exposures than possible using film screen combinations, enabling levels to be adapted to the diagnostic requirements of particular examinations. New techniques are continuously becoming available that can improve image quality and potentially enable diagnostic images. The document is very extensive, 101 pages long, and full of helpful information as to how radiologists, medical physicists and radiographers/radiological technologists can work together to ensure optimum image quality bearing in mind the risk of radiation to the patient.

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the radiographer’s potential role in adjusting/choosing protocol for individual patient’s when necessary, working with non-radiologic members of the healthcare team, and their responsibility for educating themselves.’

I served as a panellist on day 1 of the workshop and presented the ISRRT’s feedback following consultation with its members. This session included feedback from other international organisations including the International Society of radiologists (ISR) and the International Organisation for Medical Physics (IOMP).

The session ‘Structure and components for optimisation’ consisted of the following topics:

**Day 1**

- **Introduction**
- Overview of TG108 Report: Components to establish a successful optimisation programme
  - Colin Martin
- X-ray equipment life cycle and patient dosimetry
  - David Sutton
- Taking account of Image quality
  - Mika Kortesniemi
- Roles, Responsibilities and the Team Approach
  - Dina Husseiny
- Questions and answers
- Views from International Societies
  - Feedback from the IOMP President
    - John Damilakis
  - Feedback from ISR
    - Guy Frija
  - Feedback from ISRRT
    - Stewart Whitley
- Panel discussion: The Approach to Optimisation

**Day 2**

I also represented ISRRT on Day 2 of the workshop which addressed ‘Putting optimisation into practice’ which consisted of:

- **Introduction**
- Building optimisation into routine practice
  - Mika Kortesniemi
- The importance of education and training
  - Kimberly Applegate
- Current issues with optimisation around the world and support from the IAEA
  - Jenia Vassileva
- View from WHO
  - Emilie van Deventer
- Questions and answers
- Views from around the world
  - View from AsiaSafe
    - Kwan Ng
  - View for EuroSafe
    - Boris Brkljačić
  - View from LatinSafe
    - Mónica Bernardo
  - View from AfroSafe
    - Michael Kwooya
- Q & A Panel discussion: Application in different parts of the world

**ISRRT World Congress Workshop – December 15, 2022**

Once again ISRRT will be having a Radiation Protection Pre-Congress Workshop. The theme this year is ‘The importance of Ethics in Radiological Protection – A Practical Perspective for Medical Imaging’. We will be exploring how ethical values play an important role in radiological safety both in diagnostic imaging and radiation therapy departments. The workshop will focus on the recent WHO publication ‘Ethics and medical radiological imaging: a policy brief for healthcare providers’ and develop a general framework for this to happen. The programme is structured in two halves. The first is to first give the background to the publication with speakers from WHO, ICRP and ISRRT. We will then have Jim Malone presenting on ‘Ethics for radiography: Which values and how they are applied’ with Jim explaining how to assess and evaluate radiography ethical issues. After this talk we will divide the room up into a number of groups who will be presented with different scenarios following which we will have a feedback and panel discussion.

The speaker line up:

<table>
<thead>
<tr>
<th>Introduction and setting the scene</th>
<th>Donna Newman ISRRT President, Fargo, USA</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Stewart Whitley ISRRT Director of Professional Practice, Preston, UK</td>
</tr>
<tr>
<td><strong>ICRP – the drivers in making Ethics happen</strong></td>
<td>Prof François Bouchud Co-chair of ICRP TG-109 Director, Institute of Radiation Physics (IRA), University of Lausanne, Switzerland</td>
</tr>
<tr>
<td><strong>Ethical aspects of radiation protection – the WHO view</strong></td>
<td>Emile Van Deventer Head of the Radiation and Health Unit at the World Health Organization, Switzerland</td>
</tr>
<tr>
<td>The Radiography contribution – Front Line staff &amp; challenges</td>
<td>Napapong Pananapong ISRRT Vice President Asia/Australasia, Bangkok</td>
</tr>
</tbody>
</table>

**Ethical Scenarios and how to respond**

- **Ethics for radiography: Which values and how they are applied – Introduction and examples to assessing and evaluating radiography ethical issues**
  - Jim Malone
  - Professor (Emeritus) of Medical Physics, Trinity College, Dublin, Ireland

3 or 4 Scenarios presented on A4 paper

| Select from: CT, DRL, Screening surveys, justification, mammography, orthopaedic surgeon, equipment breakdown, Pregnancy issues, use of lead shields etc. |
| Group Discussions |
| Workshop delegates divided up into groups who are asked to put their responses in writing on a number of sample scenarios which will be provided for the groups to discuss and evaluate. |

**Feedback and Panel Discussion**

<table>
<thead>
<tr>
<th>Panelists and Scrutinisers</th>
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</thead>
<tbody>
<tr>
<td>Donna Newman ISRRT President, Fargo, USA</td>
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<tr>
<td>Jim Malone, Professor (Emeritus) of Medical Physics, Trinity College, Dublin, Ireland.</td>
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<tr>
<td>Stewart Whitley, ISRRT Director of Professional Practice, Preston, UK</td>
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<tr>
<td>Dimitris Kotsiaris, ISRRT Consultant CEO, Athens, Greece.</td>
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<tr>
<td>Terry Ell, ISRRT Vice President Americas, Alberta, Canada.</td>
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<td>Tan Chok Wee, ISRRT Regional Director Asia/Australasia, Singapore</td>
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<tr>
<td>Terry Ell, ISRRT Vice President Americas, Alberta, Canada.</td>
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<tr>
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</table>

We do hope that you will join the event and encourage colleagues around the world to become familiar with this WHO initiative.

Stewart Whitley
ISRRT Director Professional Practice
ASRT Donates $10,000 to Support Hurricane Ian Recovery Efforts
The American Society of Radiologic Technologists donated $10,000 to the American Red Cross to assist with disaster relief efforts caused by Hurricane Ian. The donation is being made on behalf of the ASRT’s 157,000 members, health care professionals who perform medical imaging procedures or plan and deliver radiation therapy treatments. “We’re deeply saddened by the destruction caused to so many communities from Hurricane Ian,” said ASRT President Daniel L. Gonzales, M.S.R.S., R.T.(R), FASRT. “Knowing that many of our own members and their families may have been impacted, we’re committed to help them recover.” ASRT currently has 8,485 members who reside in Florida, the Society’s second largest membership state. “We value the close relationship we’ve maintained throughout the years with the American Red Cross. Our goal is to support those affected by Hurricane Ian and provide assistance to our members who are on the frontlines of health care in the state,” said ASRT Chief Executive Officer and Executive Director Sal Martino, Ed.D., R.T.(R), FASRT, FASAE, CAE.

ASRT Staffing Survey Shows Increase in Radiation Therapy Vacancy Rates in 2022
The vacancy rate for radiation therapists increased to 10.7% in 2022, according to the ASRT Radiation Therapy Workplace and Staffing Survey. The vacancy rates represent the number of positions that are open and actively being recruited. This year’s vacancy rate for radiation therapists increased from the 7.2% rate reported in the 2020 staffing survey. In addition, the vacancy rate for medical dosimetrists fell slightly from 2.5 in 2020 to 2.4 in 2022. The survey respondents work in facilities that offer an average of 14.2 radiation therapy-related services, with the most common being intensity-modulated radiation therapy (96.6% of responding facilities), computed tomography simulation (94.8%) and cone beam CT (93.5%).

ASRT emailed the biennial survey in June 2022 to 14,520 radiation therapists. At the close of the survey in July 2022, 629 respondents from all U.S. states had submitted completed questionnaires, a response rate of 4.3%.

ASRT Board of Directors names Dr Melissa B. Pergola as new CEO and Executive Director
The American Society of Radiologic Technologists Board of Directors recently selected Melissa B. Pergola, Ed.D., R.T.(R), FASRT, FASAE, CAE, as the Society’s new chief executive officer and executive director. Dr Pergola will take over the top post of the world’s largest radiologic science organization upon the retirement of current CEO and Executive Director Sal Martino, Ed.D., R.T.(R), FASRT, FASAE, CAE, on Jan. 4, 2023. Dr. Pergola is currently ASRT’s associate executive director where she oversees the Society’s governance, government relations, professional practice and meetings and conferences functions. “We chose Dr Pergola as she thoroughly understands the ASRT, its members and the radiologic technology profession,” said ASRT Chair of the Board Kristi Moore, Ph.D., R.T.(R) (CT). “Her radiologic technology experience combined with her educational background, volunteer history, work in corporate settings and leadership skills make her an outstanding choice to lead the Society into the future.” The Board selected Dr Pergola following six months of work by a search committee comprised of Board members and an ASRT senior staff executive. Drgist with an extensive career in clinical practice, radiologic science education, hospital operations and leadership roles. She also has more than 25 years of experience as a volunteer for the ASRT, North Carolina Society of Radiologic Technologists and various other organizations. As CEO and executive director, Dr Pergola will oversee a staff of more than 100 employees and play a key role in establishing the strategic vision and short and long terms goals for the Society. In addition, she will serve as the CEO of the ASRT Foundation, the philanthropic arm of the ASRT. “I’m incredibly honored that the ASRT Board of Directors has entrusted me with the responsibility to lead the world’s largest and oldest medical imaging and radiation therapy association, and the Foundation, the philanthropic arm of the Society,” said Dr Pergola, who will be only the sixth person to serve as the chief executive in ASRT’s 102-year history. “I’m a purpose driven person who genuinely believes in ASRT’s mission, its members and the profession, and by collaborating with our amazing staff, committed volunteers and hardworking Board of Directors, we’ll become an even more innovative organization that meets the needs of our members so they can excel in the profession and continue to provide patients with high-quality care.”

ASRT Updates COVID-19 Essentials Course
The American Society of Radiologic Technologists has updated its free COVID-19 Essentials module. Launched in 2020, the module covers the epidemiology of COVID-19 and how health care providers can protect themselves and the public while providing excellent care to patients. This module can be used as one component of an integrated COVID-19 training plan. Individuals who complete the course earn 0.5 continuing education credits. In addition, an educational version is available for download. Please note that the educational version does not grant CE credits. The updated version includes new information about vaccines, personal protective equipment, infection control and social distancing. In addition, the module highlights information about vaccine boosters and provides the latest data on masks and face coverings.

Donna Long Council Member
Rad-Aid Global Outreach Trips

The ASRT Foundation Community Outreach Fellowship Program in partnership with RAD-AID International, provided 17 ASRT members in 2022 the opportunity to support underserved populations improved access to quality medical imaging and radiation therapy throughout Africa, Asia, the Eastern Caribbean as well as the Appalachian region in the U.S.

ASRT members provided patient care services for local health care personnel, presented information on equipment protocols and shared best practice techniques for positioning and patient safety. The ASRT Foundation has provided more than $394,000 to fund 114 Fellows to date since the partnership was established in 2012. Fellowship recipients receive funding for travel and related costs.

Cara Hill, R.T.(R), RDMS, RVT, (pictured above) worked at Kamuzu Central Hospital in Malawi from August to September “I enjoyed how grateful the staff members were to have me there in country and how eager they were to learn from me.”

Randy Rampersaud (pictured above in mask), M.A., R.T.(R)(CT)(MR), worked at Kilimanjaro Christian Medical Centre in Moshi, northern Tanzania, from May to June. “I’ve been a tech for 15 years in a variety of medical settings. In a weird way, the hospital setting has become home – whether it is in New York or halfway around the world in Africa,” he said.

Siemens Healthineers Education Journey Award Offers a Worldwide Perspective

The ASRT Foundation honored three recipients with the Siemens Healthineers Education Journey Award. Recipients Leandra Mashak, R.T.(R)(M), Christopher Daza, M.Ed., R.T.(R)(CT) and Justinian Gologan, R.T.(R), took part in the United Kingdom Imaging and Oncology Congress Conference held in Liverpool in June. The award provides up to $4,000 to recipients and the program promotes peer-to-peer education and supports professional development in the radiologic technology community. The three-day event addressed medical, scientific, management and other issues prevalent in the radiological sciences.

“I did not realize how similar and yet different imaging is in other countries,” said Mashak. “I was able to learn more about the pathologists’ role in diagnosing breast tissue and further my knowledge as a mammographer/breast sonographer.”

Christopher Daza (pictured right) said, “This experience will help me educate my own students on how radiology operates in different countries. I was also able to gain knowledge on how and what types of research are being conducted in the UK.”

Since 2016, the Siemens Healthineers Education Journey Award has provided opportunities for radiologic technologists to attend conferences and events that promote networking, continuing education and leadership programs. To date, it has provided nearly $100,000 in award to recipients.

Rad-Aid/Varian/Foundation Partnership for Radiation Therapist Assistant Education Program

RAD-AID, Varian and the ASRT Foundation have collaborated on a Radiation Therapist Assistant Educational Program for Kenyatta National Hospital in Nairobi, Kenya. With an 1,800-bed capacity and more than 6,000 staff members, it is considered the largest referral and teaching hospital in Kenya. The program objectives are to provide didactic and clinical hands-on education to local therapists and to allow participants to observe daily routines and suggest best practices.

Those selected to participate in the work-volunteer opportunity will assist with the implementation of the ASRT/Varian educational curriculum and provide hands-on training to the imaging technologist in radiation therapy, including educating safe practices among the patients and staff. The RTA education program is expected to provide a sustainable educational model with RAD-AID Learning Center as a continuing resource to offer improved intervention, care and diagnosis for cancer patients.

ASRT Foundation Chief Operating Officer Steve Hardy, M.S., R.T.(R)(T)(CT), CMD, said, “We are so pleased to be able to partner with Varian and Rad-Aid to ensure high quality radiation therapy treatments are delivered globally.”

Sharon Wartenbee
ISRRT Regional Director for the Americas
Member Countries

Canada

Information and support for those interested in working as MRTs in Canada

Employment as a Medical Radiation Technologist (MRT, aka radiographer) in Canada requires an individual to obtain Canadian certification via the CAMRT National Certification exam.

The CAMRT has worked with partners over the years to develop information and tools to help international-educated professionals to make the transition to Canada. Information for Internationally Educated Medical Radiation Technologists (IEMRTs) coming to Canada can be found on the CAMRT website: www.camrt.ca/certification-4/

In addition, the CAMRT encourages those who are thinking about working as MRTs (radiographers) in Canada to explore the learning modules for 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/

Celebrating and educating others about the MRT (radiography) profession

Educating the public and other healthcare professionals about the MRT (aka, radiography) profession in Canada forms a large part of CAMRT’s advocacy and communications now. As part of a three-year campaign, the CAMRT has developed and runs an ad campaign that has reached countless millions of Canadians. The goal is to highlight the impact of the role MRTs have in medical imaging and radiation therapy, and how this has become an indispensable part of the modern healthcare systems.

Each year, the CAMRT sends out thousands of informational materials and posters that are displayed across the country. In 2022, we set records for orders of posters (more than 7,000 were ordered and delivered). These in-hospital campaign materials are complemented by online advertising (you can browse and watch the ads at: www.camrt.ca/events/mrt-week

Online Education

New Microcertificate for MRTs - Cultural Safety: Diversity and Inclusion

CAMRT is proud to offer its first Microcertificate, Cultural Safety: Diversity and Inclusion. The goals of the program are to:
- Promote and support culturally safe and compassionate care.
- Promote and support respect, equitable treatment, equitable care, non-discrimination through a bias and barrier-free professional environment.
- Create a culture of openness.
- Provide opportunities for MRTs to explore, learn and reflect on issues of diversity and inclusion relevant to MRT practice and beyond.

The microcertificate is made up of six quick-self study style courses. Candidates who successfully complete all the learning modules will receive the Cultural Safety: Diversity and Inclusion Micro Certificate Digital Badge. Details about the course are found at: www.camrt.ca/cultural-safety-diversity-inclusion-micro-certificate/

More than 200 high-quality courses and webinars

Topics from across all disciplines of medical imaging and radiation therapy. All CAMRT Online CPD is available to professionals anywhere and is approved for category A credit; in the CAMRT catalogue: https://camrt.force.com/CPBase__store?site=a0a1a00000AMdCoAAL

Journal of Medical Imaging and Radiation Sciences (JMIRS)

The JMIRS is proud to be publishing proceedings of the ISRRT World Congress prior to the event in Bangkok on Dec 15-17, 2022. The conference theme is “New Normal in Medical Imaging and Radiation Therapy”.

JMIRS Special Issues

The JMIRS annual special editions are a collection of papers on special interest and topical areas. JMIRS aims to engage a community of authors and readers, to help highlight the latest research and to develop new ideas and research directions. The upcoming special issues are highlighted in more detail below:

- “Caring for specialized or diverse populations”
  - Content deadline May 1, 2023
  - Caring for specialized or diverse populations is part of medical radiation sciences practice. These populations could be diverse in many ways, including but not limited to age, ability, ethnicity, culture, geography (e.g. rural and remote communities), neurodiversity, chronic illnesses, gender and sexual orientation, indigeneity and body habitus.
  - We are seeking submissions in any of our formats, related to your research, practice, policy, theory, or narratives on this crucial topic.
  - Submissions should be sent online at: www.jmirs.org/ but informal contact about ideas can be discussed with the editor at any time. Email us your ideas or questions at editor@camrt.ca

CAMRT 2023 Conference

On June 2-3, 2023, CAMRT will be hosting its second hybrid in-person and virtual meeting “CAMRT 2023” in Canada’s capital region of Ottawa-Gatineau. Registration will open February 2023. More information soon!

Marcia Smoke
ISRRT Council – Canada’s Representative
GREECE

2022 was an extremely active year for the Panhellenic Society of Radiological Technologists is ending.

During the first period of the year, the Greek society carried out online webinars. Students of radiography, newly graduated, and experienced radiographers discussed timeless issues and issues caused by the pandemic. Especially:

- The difficulties with radiography students’ education during the pandemic, their feelings, and the absence from their clinical practice.
- The role of RTs as health professionals and the requirements needed in a health center
- The 3A of a radiographer in the daily practice (the act evaluation, the evaluation of results, and management of patients’ safety)

In Spring, the Greek society honored Mrs Gogou Lida, the professor, and dean of the University of West Attica, due to her retirement, for her contribution to our profession over the years.

Pictured right is the President of the Panhellenic society of RTs with Mrs Gogou Lida.

The Greek society spread the ISRRT tobacco campaign. Our members uploaded many posts on Facebook.

Furthermore, there was a wonderful dinner with the ISRRT Board, pictured at top. The Panhellenic Society of RTs awarded the ISRRT Board Management with Honorary Membership for their support and effortless contribution to the radiography profession during the pandemic.

The Panhellenic society of RTs had a strong presence at ECR2022 in Vienna. The president of our society, and ISRRT Regional Director Europe, Mr E. Agadakos was a moderator, the liaison officer for European affairs of our society, and the chair of the EFRS Radiotherapy Committee, Mrs A. Sarchosoglou was a presenter, and the treasurer Mrs A. Kolyda had an e-poster.

In September, there was a special session for radiographers at the 1st Panhellenic congress of Medical Physics. The title of this session was "The tools of justification and optimization of medical exposures and their impact on the quality of the patient’s journey," Mr D. Katsifarakis, Consultant ISRRT CEO, Mr E. Agadakos the president of the Panhellenic Society of RTs and ISRRT Regional Director of Europe, and Mrs A. Kolyda the Treasurer of the Panhellenic Society of RTs had three awesome presentations about this issue.

Early in November, an extraordinary
session of radiographers was carried out at the 5th scientific conference of the Greek society of breast imaging. Mrs M. Alafaki member of our community, presented us with the evaluation of mammography, frequent errors, and some cases. One of the moderators of this beautiful session was Mr D. Katsifarakis, Consultant ISRRT CEO.

The Panhellenic Society of RTs celebrated world radiography day with their members, promoting the ISRRT poster “Radiographers at the forefront of patient safety.” Many posted uploaded on Facebook. On November 8, radiographers from all over the world were a solid team to celebrate the profession of radiography.  

Angeliki Kolyda
ISRRT Council Member

PORTUGAL

The Medical Imaging and Radiotherapy Portuguese Association was recently invited to collaborate on a course promoted by Latin Safe of Latin America.

Latin Safe is an Alliance of several Latin American countries to promote good radiological protection practices. It is based in Colombia and consists of several renowned radiologists and other specialists in the area of expertise.

Its objective is to bring all stakeholders in the radiology area closer to exchanging knowledge in order to reduce the radiation dose in patients.

The course in which APIMR was invited to collaborate is called “Curso de calidad, seguridad del paciente, humanización y gestión del riesgo en los servicios de imágenes diagnósticas en Latinoamérica”. The basic language is English but with Portuguese and Spanish.

All information on the website: www.latinsafe-edu.org/pt-br/Principal

APIMR acceded to the invitation of the Brazilian College of Pediatrics and actively participated in a webinar to talk about the concerns of users in radiological examinations, from the perspective of

Nordic Congress of Radiology and Radiography 24.-26.5.2023

WELCOME to the Nordic Congress of Radiology and Radiography 2023 – a joint 64th Nordic Congress of Radiology and 25th Nordic Congress of Radiography.
As such, colleague Manuel Duarte Lobo, president of APIMR, was invited to give a lecture on the subject with the title: "What are the patient’s concerns about radiological exams ?", followed by Dr Donald Frush, do Image Gently with the communication” Dialogue to parents about ionizing radiation” and Dra Kimberly Applegate do IRCP with the theme “How can we minimize radiation risk to my child?”. The webinar had as its theme “Communication of risk and benefit of radiological examinations in pediatrics” and can be reviewed at: www.youtube.com/watch?v=eCcww-x7EWs&list=LL&index=2 (start at 10,30 min)

APIMR Vice President Prof. Rui Almeida, professor at the University of Algarve, published a book entitled "Handbook of Research on Improving Allied Health Professions Education: Advancing Clinical Training and Interdisciplinary Translational Research” This book had a collaboration of several professionals from various geographical, university, professional and associative contexts, including APIMR, University of Algarve, Polytechnic Institute of Porto, Castelo Branco, etc.

The idea for this synergy of efforts to elaborate this book arose due to the current paradigm shift from traditional teaching to a mixed model with the inclusion of e-learning strategies. As such, reforms in clinical education models are needed and they should carefully consider the socio-professional changes needed to support these efforts.

The book can be found at: www.igi-global.com/gateway/book/279266

Rui Almeida and Manuel Lobo had their research published in international reference journals.
Rui Almeida published in the journal Journal of Medical Imaging and Radiation Sciences, with two more colleagues a paper about the Structure for the quality of health care and evidence-based practice in radiology departments: a regional study on the perceptions of the Radiology Technologist.

The main objectives of this study were to describe, in an integrated and multidimensional way, the conditions related to the quality of care in radiology services in the Algarve (Portugal), to evaluate the perspective of radiologists on the use of scientific evidence in clinical practice and to validate a model that characterizes the conditions of continuous improvement.

The full article can be consulted HERE

Manuel Lobo published in the journal Health Sciences Reports, with Rui Almeida and colleague Sérgio Miravent an article about the Point of Care Ultrasound in Basic Emergency Services in Portugal, which translated years of research and collection of referral data of patients in Basic Emergency services in the North and South of Portugal.

The full article can be consulted HERE

AUSTRALASIA

INDONESIA

PARI Inaugurates Chairs of Regional leaders

The year of recovery from the pandemic in Indonesia was filled with the election and inauguration of the Chairs of PARI Regional leaders and Management throughout Indonesia, by the PARI Central Executive board. Based on the articles of association and bylaws of PARI, there are 3 levels of management in the Indonesian society of Radiographers, starting from branch managers at the district or city level, regional administrators at the provincial level and central management at the national level, each having a 4-year management period. There

Pictured above, top to bottom:
Inauguration of PARI regional leader of South Sulawasi.
Inauguration of PARI regional leader of Jakarta Province.
Inauguration of PARI regional leader North Kalimantan, Central Kalimantan and Riau Province.
Inauguration of PARI regional leader North Kalimantan, Central Kalimantan and Riau Province.
MEMBER COUNTRIES

are 34 regional administrators and 514 regencies/cities in Indonesia currently registered.

Every PARI member has the right to vote and be elected, express opinions and get protection, every member is obliged to uphold the good name and honor of the organization, uphold the professional code of ethics for radiographers, articles of association and by-laws, and organizational regulations.

The election of the regional leaders is carried out through the mechanism of regional deliberation in each province followed by all members within the province to have leaders for the next period.

Furthermore, in the next 4 years, the elected regional leaders and management have duties, authorities and obligations, including managing and coordinating the implementation of activities in the regions and branches, fostering and developing cooperative relationships with government agencies and local regional institutions.

Hopefully with the election of the regional leaders and management, PARI’s main mission, together, prosperous, worldwide, can be carried out according to our shared goals.

AFRICA

SOUTH AFRICA

The 8th virtual seminar presented by the Society of Radiographers of South Africa (SORSA) to commemorate World Radiography Day (WRD)

November 5, 2022

More than 270 radiographers and radiologists attended SORSA’s eighth virtual seminar on November 5, 2022, to commemorate World Radiography Day. The WRD message, radiographers at the forefront of patient safety, was interlaced in each of the interesting and engaging presentations, either directly or indirectly.

Four speakers: Dr Gavin Kirk, a forensic pathologist, Dr Aladdin Speelman, a radiographer from South Africa; Dr Mark Viner, a forensic radiographer from the UK; and Professor Thresenan Naidoo, president of the College of Forensic

PARI President, Dr Sugiyanto and PARI General Secretary Mr Hidaat Agus Sabarudin with newly inaugurated PARI Regional Leaders.
Pathologists of South Africa, explored an important topic: forensic radiography. Many of the presenters emphasised using imaging in forensic pathology, an area that requires urgent interventions in South Africa.

Dr Gavin Kirk discussed the use of a whole-body imaging system in forensic radiography. It was interesting to hear that an x-ray diagnosis of a gunshot wound was already used in 1896, a year after the discovery of x-rays. In his presentation, different methods of full-body imaging were shared to replace/enhance a visual autopsy. He covered virtual autopsy and use of low-dosage, digital X-ray scanning (Lodox-Statscan). Lodox Systems, South Africa developed the equipment for use in imaging. They used the technology originally created for detection of stolen diamonds by the mining industry in South Africa. The machine can be used for trauma imaging or in forensic facilities. There are 77 Lodox machines in North America, 48 in Africa, and 14 in the rest of the world. Virtual autopsy and Lodox imaging are advantageous in culturally sensitive and/or when religious concerns prevent a visual autopsy.

A challenge, also pointed out by some of the other presenters, is that mortuaries in South Africa must operate without the assistance of imaging professionals. Although it was noted that working in a mortuary may not be in the interest of everyone, creating awareness will assist in attracting those with a passion for working in this field.

Dr Aladdin Speelman recently completed his PhD on the use of post-mortem computerised tomography (PMCT) for child abuse identification. His study included 30 children who had post-mortems. Most presented with gunshot wounds and sudden unexplained death (SUD). He highlighted that both PMCT and a physical post-mortem examination have specific advantages.

As such, according to his findings, physical autopsy is better for e.g., the diagnosis of brain contusion, fluid aspiration, lung hemorrhages, cardiac injuries, and abdominal solid injury, and large vessel perforation. PMCT has advantages in detecting fractures in the face, skull and pneumothorax. The take-home message being that for the future of forensic imaging it is important to collaborate, to benchmark with forensic imaging practices in the rest of the world, e.g., Australia and to engage in transdisciplinary sharing of knowledge. His study is useful for occult skeletal injuries not diagnosed during a physical inspection.

Dr Mark Viner is a senior tutor in radiography and senior lecturer in forensic radiography at the Cranfield University in the UK. The message in his presentation is that it is the responsibility of radiographers to produce and present evidence of non-accidental injury for medicolegal cases. The specific rules around collecting and handling evidence were emphasised. He highlighted the importance of adhering to the prescribed standard operating procedures. Also, the evidence must be collected and recorded from taking custody of a body to completing the processes according to the protocol, to ensure a robust chain of evidence is maintained. He also mentioned that no tampering with images e.g., post-processing was recommended. This is to present primary and original evidence in a court of law.

Prof Naidoo explored the important question, namely if there is a need to develop a medical imaging curriculum in forensic pathology in South Africa. He pointed to the gap in resources, skills sharing, and relationships among the different mortuaries, and spaces where forensic services in South Africa are provided. Currently, a diploma in forensic pathology for registrars is presented by the Colleges of Medicine in South Africa.

Although the curriculum makes provision for imaging services in the forensic field, enactment of the curriculum poses a challenge, mostly because of the available resources, thus interprofessional collaboration is essential.

Three presentations highlighted aspects such as enhancing the research culture in radiography, participation in a module on artificial intelligence, and how radiographers can enhance their employability. Dr Riaan van de Venter, president of SORSA, Dr Mable Kekana from the University of Pretoria, and Prof Hesta Friedrich-Nel who is SORSA’s council member for the ISRRT, highlighted the unique opportunities that radiographers’ work environments offer to expand their learning, engage in research and thus, enhance their future employability.

**From the Continuous Professional Development (CPD) Committee**

SORSA is committed to promoting lifelong learning through its CPD programmes offered to radiographers nationally and internationally. SORSA is currently a CPD accreditor providing a service to the radiography community; this includes granting accreditation for CPD activities to individual radiographers, organisations and institutions in the public and private health sectors. SORSA is also a CPD service provider; this includes offering CPD events like virtual/hybrid/face-to-face webinars, symposia, congresses, and workshops. SORSA also publishes a journal, The South Africa Radiographer https://sar.org.za, which offers opportunities for radiographers, and other professionals.
to publish, review, and read current trends and developments in radiography. There are no article publication charges (APC) as the aim of the journal is to provide a publication platform for authors that do not have access to funding. The journal is an excellent source of CPD material for radiographers. In 2022 SORSA hosted six virtual symposia and published two journals. These activities provided approximately 30 CPD points to radiographers. The CPD activities are freely available to our members and are available to non-members at a reasonable fee.

**Breaking News**
The SORSA 2023 congress with the theme Radiography: a new dawn will be presented as a hybrid event. This means that face-to-face and virtual attendees will be able to attend this event.

The congress will be hosted on August 18-19, 2023 at the Century City Conference Centre in Cape Town, South Africa.

Check the flyer at the SORSA website [www.sorsa.org.za](http://www.sorsa.org.za/) and social media for updates. SORSA looks forward in welcoming you at the congress.

_Hesta Friedrich-Nel_  
_Ferial Isaacs_  
_Fozy Peer_