

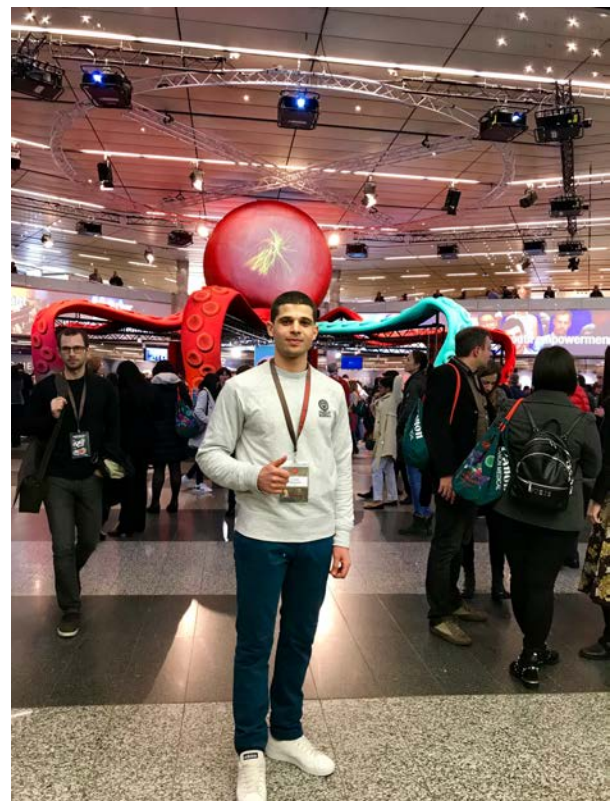
REPORT

ON THE 25TH EUROPEAN CONGRESS OF RADIOLOGY

VIENNA; 27 FEBRUARY - 3RD MARCH 2019.

It's a great pleasure and honor to have the opportunity to attend the 25th European Congress of Radiology "ECR" in Vienna; a lot of thanks to the trustees for their great support to me. Thank You.

The ECR is the official annual scientific meeting in medical imaging for all professionals engaged in radiology by both the European Society of Radiology "ESR"; in this year, there is 30259 participants from 133 countries including 2254 radiographers from 84 countries, and 300 exhibiting companies.



Soufiane Tibermacine in the ECR 2019, Vienna international center, Austria.

ECR 2019 offered a range of novel features, in science, education and social gatherings, in fact I was impressed by what I found in the Congress; from the new and magnificent format for the opening ceremony “Grand Opening – Five Senses” which was an extraordinary event, to the comprehensive and perfectly tailored programme for radiographers in various stage of experience; I benefited greatly and I acquired a lot of knowledge in different area of medical imaging by different sessions of the scientific programme; courses, sessions, workshops and symposia. which I mention some of theme:

Scientific Sessions:

-Papers for oral presentation are presented in the congress talked about different topics in medical imaging, I attended one of them under title *Educational issues in radiography*.

Refresher Courses sessions:

-Refresher Courses, as the name suggests, aim to refresh knowledge, reviewing and updating the more basic subjects for those who have not kept up to speed with certain developments, or who just need a reminder something.

This session, which concern the radiographers, entitled *Dose management in paediatric radiology* it's about dose management techniques in neonatal radiology and the optimization of techniques in paediatric radiology, its purpose is to become familiar with modern dose management methods in paediatric radiology.

in the last of session there was a Panel discussion under the title: are we doing enough for the next generation?

Radiation Protection:

- 1. Rising Stars session entitled: Radiation protection; all you need to know.**
- 2. European Diploma Prep Sessions under the title: Principles of imaging and radiation protection**

-The Rising Stars Programme is designed especially for residents, students, radiographers and trainee radiographers.

-The European Diploma Prep Sessions aim to provide a preparation for future European Diploma in Radiology (EDiR) candidates.

The system of radiological protection is built on science, experience and ethics reflected in the basic principles in ICRP103, i.e. optimization of protection, dose limitation and justification. Radiographers are important stakeholders in the maintenance of the system, both legally, ethically and practically. The session reviews different aspects of radiation protection that may form the basis of further development of radiographers' roles and responsibility.

I gained a lot of knowledge from the two sessions that I attended, the sessions were amazing; they were one of the most important goals that I wanted to achieve because we have a lot of problems and we suffer from the radiation protection in our hospital and I want to correct the mistakes and remove misconceptions in many ideas about radiation protection; and the learning outcomes were:

- . To learn the principles of radiation biology and radiation protection.
- . To understand radiographers' current legal responsibilities regarding radiation protection.
- . To consider the role radiographers play in application of the justification principle.
- . To review recent optimization techniques for projection radiography.
- . To appreciate how radiographers can best communicate risk-benefit information to patients.

In addition, I understand the technical and methodological principles of computed tomography and of magnetic resonance tomography from the second session.

There was also an open forum session “coffee & talk” about radiation protection in pediatric patients entitled *Radiation protection in paediatric patients - same principles, different approach: use cases*, which they spoke about the tips for optimization and radiation protection in children, and the different approaches needed when dealing with children undergoing radiologic examinations.

They talked also about the optimal techniques to reduce motion artefacts in the radiology practice and the correct positioning which can improve image quality and reduce radiation exposure.

EuroSafe sessions:

-EuroSafe Imaging is the European Society of Radiology’s flagship campaign to promote quality and safety in medical imaging by strengthening medical radiation protection across Europe following a holistic and inclusive approach.

EuroSafe celebrated 5 years of success in medical radiation protection in ECR 2019.

I visited the lounge of the EuroSafe Imaging and I took a beautiful picture there.

There were seven scientific papers in EuroSafe sessions, one entitled “*Improving radiation protection in medical imaging in low- and middle-income countries: past actions and future directions*”, it was an interesting session talked about the situation of medical imaging and radiation protection in low- and middle-income countries.

The Objectives from the session are to understand the past challenges and possibly future ones in the area of radiation protection in medical imaging in low- and middle-income countries and also, to learn about the activities of worldwide organizations to support low- and middle-income countries.

Finally, it was a Panel discussion about the main obstacles for the safe use of imaging in low- and middle-income countries.

ESR meets Africa Sessions:



A very interesting session in ECR 2019, I attended one of these sessions which concern the radiographers entitled *Radiographers' challenges offering imaging services in Africa*, it's an ESR meets session and the purpose is to forge closer ties between the ESR and its guest societies; the guest nations of this year's ECR are Africa, Italy and Pakistan; this paper is about ISRRT involvement in Africa for the past 24 years in more than 10 countries, beginning in 1994 in Tanzania; ISRRT has organized several workshops and congresses in this continent especially in French-speaking African countries. The involvement has contributed to help countries to set up associations and establish a huge network in Africa.



WRETF presented at the congress in ESR meets session.

The learning objectives from this session are:

- . To recognize the demographics and patient accessibility to health services of a particular African country.
- . To appreciate the radiographers' effort to keep up to date with evidence-based practice in imaging services.
- . To become familiar with the radiology education system and lifelong learning opportunities for radiographers practicing in Africa.
- . To reveal the challenges faced by African radiographers in practicing their profession.



Me with the ISRRT president *Ms. Donna Newman* and the vice president for Euro-Africa in ISRRT *Mr. Philippe Gerson*.

ECR ONLINE, it's amazing!

-We can enjoy the ECR 2019 experience wherever we are and watch more than 4000 lectures on demand in: <https://ecronline.myesr.org/ecr2019>; that's what I told to my colleagues after going back, it's very useful.

Away from the science, I obtained a big experience by meeting people from all the world; we exchange ideas and discuss about many things, the ECR 2019 featured an even bigger networking area dedicated to radiographers, including booths from 20 radiographer societies; I also enjoyed by visiting some tourist places in Vienna, hometown of the ECR, which had just recently been voted most liveable city in the world.

For me, the ECR was dream, yes a big dream then it became a reality through the **WRETF**, so thank you for all your support to me, I never can thank you enough.

THANK YOU SO MUCH.

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