

Hip & Advanced MSK Imaging
ESSR 2019
MUSCULOSKELETAL
RADIOLOGY
JUNE 26-29, LISBON/PORTUGAL

Interview with the congress president ESSR 2019.

Dr. Vasco Mascarenhas speaking on highlights for this year's meeting.

At each ESSR Annual Meeting some new features are implemented. What did you and your team prepare for the upcoming meeting in June 2019?

When we began organizing the 2019 ESSR meeting, one of our main concerns was to address the needs of delegates, residents and students. With this in mind several new features were added to meet these requisites.

On the pre congress days we will have **four different courses**, mainly “hands on” and clinical practice oriented. A re-edition of the “Ultra sound course” and three totally new courses will take place: “MSK intervention course”, “SpA workshop” and a “Master class on hip imaging”.

During the main congress new features will also be added. In the session “**ESSR meets Brazil & Spain**” colleagues from both countries will be focusing on Sport's pathology cases, and in the “**International session**” we will welcome colleagues from international partner societies to discover new worlds through their own experience.

Additionally, residents will have their own oriented lectures this year with two specific “**Young club sessions**”. These will definitely be a great opportunity for young students and residents to have their specific needs fulfilled! Finally, **Thieme** will also arrange a “Writer's workshop” which will focus on research organization and the preparation of manuscripts.

As you can see there are many excellent opportunities for all delegates to develop their



individual skills!

This year's main topic is "Hip & Advanced MSK Imaging", including the role of Artificial Intelligence in the foreseen revolution in radiology. Why is this currently a hot topic in the research and education of musculoskeletal imaging?

The ESSR has been promoting research activities, educational programs and a multitude of endeavours that enhance the significance and preponderance of musculoskeletal imaging. MSK radiology is a broad and substantially innovative specialty of imaging that is dedicated to understanding new pathologies, developing imaging techniques and improving clinical applications.

Hip joint imaging has been a personal significant interest of mine in both research and clinical practice, and the local organizing committee is very pleased to develop the ESSR 2019 congress around these topics with high-quality contributions from MSK radiologists and orthopaedic surgeons. This allows both an overview of the current clinical perspective and state-of-the-art imaging and provides in-depth information of paramount significance for daily activities.

Hip and advanced MSK imaging is currently in the spotlight, boosted by both new technical developments that deliver precise anatomical images and novel clinical conditions discovered in the past two decades, such as the recognition of femoroacetabular impingement as a cause of early-onset osteoarthritis.

Artificial intelligence, on the other hand, will certainly expand opportunities for radiologists to participate in patient care both via improvements in imaging and extraction of useful data, possibly also by optimizing every day's workflow.

We are certain that this congress will be a valuable resource for everyday clinical work by deepening knowledge of pathologic conditions of the hip along with a critical view of emerging technologies.

The highlight session is named "Egas Moniz Session"? Who was this person and is it possible to visit a memorial or other places of remembrance?

Change calls for innovation, and innovation leads to progress as it is the motor of scientific development and knowledge. We are always pursuing the best medical practices by developing different imaging techniques and improving clinical applications. This specific session is dedicated to cutting edge imaging topics, like the

future of radiology, artificial intelligence and others. With this we are sowing the seeds for the future like Egas-Moniz once did, as what is now proved was once only imagined.

António Egas-Moniz contributed significantly and irrefutably to the history of radiology by becoming the **father of angiography**. He postulated that the visualization of blood vessels in the brain with radiological support would allow a more precise localization of brain tumours. Regrettably it was not this pioneering and important achievement that made him one of only two (along with José Saramago) Portuguese Nobel Prize laureates. Although very controversial, as major historical leaders usually are, he was the founder of modern psychosurgery, 70 years ago, and was awarded with the “Nobel Prize for Physiology or medicine” for the development of prefrontal leucotomy as a radical therapy for certain psychoses or mental disorders.

If you are interested in Egas-Moniz’s life and work you can find information online (<http://www.casamuseuegasmoniz.com/>.) or even visit the museum in Avanca, in the north of Portugal.

Based on your initiative, the ESSR will issue the Lisbon agreement on Femoroacetabular impingement imaging. Could you give us some more details on this?

With the acceptance of Femoroacetabular impingement (FAI) and hip preserving surgery approximately 2 decades ago, a significant number of radiologists, orthopaedic surgeons and sports physicians have implemented this concept in routine clinical practice. Imaging and clinical evaluation are now established as the cornerstone in the evaluation of patients with suspected FAI. However, as recently pointed out, it has taken us all in a roller-coaster ride of innovation, heightened expectations, disillusionment, and confusing diagnostic and treatment pathways, with many concerns raised about over diagnosis and over treatment of this entity.

Amazingly, after 20 years there are still no established criteria or guidelines to diagnose, treat and monitor this syndrome. We will look at the current state of FAI and hip preserving surgery, both from the strict evidence-based point of view and also from the radiologist’s and orthopaedic surgeons’ perspectives, expecting to lay the foundations to establish specific diagnostic guidelines in the near future.

This is the first time an ESSR meeting will take place in Lisbon. What are your recommendations to get to know the city of Lisbon and the Portuguese culture?

I would say that there are four major attractions not to be missed when visiting Lisbon

and Portugal: Food, Fado, History & Water.

Food & Wine – Portuguese people love food, anywhere, anytime! There is amazing fish, lovely meat plates and incredible traditional dishes to choose from, either in a “suspicious” bar or in a glamorous Michelin Restaurant. Of course, no one can go without trying our famous “Belem custard tart” as well.

Portuguese winemakers have shown a heroic determination to preserve a heritage of more than 250 native grape varieties - and most of these varieties do not exist elsewhere in the world. Taste a fine and rich Douro wine, a fruity, easy-drinking red from Alentejo or a light, fresh and delightfully aromatic green wine.

Fado - this music style is a part of the Portuguese people as it has to do with our core soul and a feeling called “Saudade”, that has no direct translation to any other language. You will have the opportunity to hear some performances during the congress, but there are many different places throughout the city where you can hear Fado while you are having a nice dinner.

History – Portugal emerged as an independent country and was founded in 1143. Testimonies of this long heritage can be seen everywhere in the city. Visit the Jerónimos Monastery, the Padrão dos Descobrimentos and Torre de Belém just by the riverside. São Jorge Castle is a great way to reach the top of one of Lisbon’s seven hills and be overwhelmed with the view of the whole city. If you enjoy a good exhibition or concert you can also visit CCB-Belém cultural center. If you would like to get to know the work of one of today’s best international artist - Paula Rego - do not miss “Casa das histórias Paula Rego” in Cascais, 20 minutes away from Lisbon. It is also an impressive ride along the seaside to get there.

Water - Lisbon has it all, a river, the sea, seven hills and unforgettable natural light. There are great beaches to visit, riverside spots and viewpoints all around to enjoy the amazing city views.

I am sure you will have a lovely time in our easy-going city. We are looking forward to welcoming you here!