



# EMERGENCY RADIOLOGY (European Edition)

July 2019

European Society of Emergency Radiology

Welcome Emergency Radiology Enthusiasts!

- The European Society of Emergency Radiology (ESER) was established to promote enthusiasm for, and interest in, emergency imaging and to disseminate information relating to clinical, educational and research aspects of emergency radiology.
- This newsletter will update European based radiologists on the many Emergency Imaging activities available across the continent.

## SERAU/ESER Annual Congress 2019

**ESER** have been busy in the last 6 months with only a short turn-around between the 2018 congress in Krakow, Poland to the 2019 meeting. In May 2019, ESER joined forces with the Spanish Society of Emergency Radiology (**SERAU**) for a combined congress in **Seville, Spain**.

The host city of **Seville** is a popular tourist destination with many beautiful buildings in a variety of architectural styles providing an insight into the colourful history of the city. A particular highlight is taking a **guided bicycle tour** which includes the cathedral, Torre del Oro, a trip over the river to Triana and ending in the breath-taking Plaza de Espana. Fans of **Game of Thrones** would feel at home in the gardens of Real Alcazar Palace which was used as the set of Dorne, home of House Martell.



Cycling around Plaza de Espana, the Torre del Oro and one of the many secluded ponds in Parque de Maria Luisa. All just a few minutes walk from the conference venue.

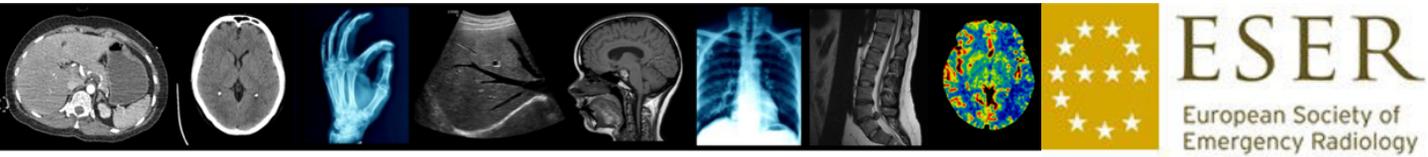
There was strong representation from **Spanish Radiologists** and it was great to see a high number of young residents. In total there were over **500 delegates** delegates from **across Europe** and even as far away as Nigeria and Kenya. Much of this success was down to the brilliant SERAU organising committee led by **Dr Milagros Martí de Gracia**, SERAU President and soon to be Spanish Society of Radiology (SERAM) President.

Speakers came from all over Spain including Seville, Barcelona, Madrid and Zaragoza with **international speakers** including those from the USA, Canada and Kenya. All of the speakers gave engaging lectures and many took advantage of the **interactive voting system** on the **ESER app** which enabled audience participation during the case discussions. There were standout talks from the animated **Prof Scaglione** (Castel Volturno) who emphasised the vital role Radiologists play in **decision making** in the emergency department, **Dr Cem Calli** (Izmir, Turkey) who demonstrated the use of **CT and MRI perfusion** prior to thrombectomy in stroke patients and ESER President **Dr Elizabeth Dick** (London, UK) who emphasised the need for **clinically relevant reports** to aid decision making in abdominal trauma.



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The conference included an **international review** of on-call Radiology services. **Dr Gladys Mwangi** and **Dr John Mutai** from **Kenya** gave a thought-provoking insight into the services provided across Africa and how the level of service differs between countries and between the public and private sector. Ultrasound and plain radiography are the work-horses of imaging in Africa with limited access to CT and MRI in most hospitals. **Dr Jorge Soto** (Boston, USA) then demonstrated the other end of the spectrum talking about services in the USA where **Emergency Radiology** is already a well-established speciality with **on-site Consultant presence 24h per day**. Finally **Dr Jose María Artigas'** talk demonstrated that services in Spain are very similar to those offered across Western Europe.



Real e Ilustre Colegio Oficial de Medicos Seville provided a great conference venue and the 35°C heat meant break time was outside!

The scientific session was a great opportunity for residents from across the world to show-case their **research**. The stand out presentation was by **Dr Ibrahim Aliyu** from **Nigeria** who spoke about the use of ultrasound in assessment of the acute abdomen. He demonstrated how useful ultrasound can be in skilled hands at diagnosing a variety of pathologies, including perforation and colitis, which many countries rely on CT to diagnose. **Dr Aliyu** went on to win the prize for **best oral presentation**.



Prof Scaglione and Sabine Grab receiving their Honorary Memberships from the ESER committee.



Dr Ibrahim Aliyu receives the Best Oral Presentation award from Dr Milagros Mari de Garcia (SEARU President & Upcoming SERAM President) and Dr Elizabeth Dick (ESER President).

There were **Honorary Lifetime Memberships** awarded to **Prof Scaglione** for his work promoting Emergency Radiology across the world including the many books he has written for ESER and **Sabine Grab** for her tireless work behind the scenes since the society was formed.

Finally, SERAU and ESER would like to thank all of the speakers, delegates and sponsors who joined us in Seville. We are looking forward to seeing you all again in **Brussels on 19-19<sup>th</sup> September 2020**.



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## European Diploma in Emergency Radiology

We are delighted to announce the first successful **EDER** candidates who passed all of the components of the EDER exam and were awarded their diplomas at SERAU/ESER in Seville. **Dr Hassan Hirji** (London, UK), **Dr Marcela de la Hoz Polo** (London, UK), **Dr Idil Gunes Tatar** (Ankara, Turkey) & **Dr Svetla Mureva** (Dartford, UK) truly are **pioneers** in the world of Emergency Radiology. In addition to the EDER they have also each received free entry to ESER 2020 in Brussels.

The **EDER** provides **international recognition** of subspecialty training in Emergency Radiology. For more information and details of how to apply visit the ESER website [www.eser-society.org](http://www.eser-society.org)



Successful candidates pass their EDER in Seville with Dr Elizabeth Dick (ESER President).

## Upcoming Events

### Conferences

- **RCR Annual Conference 2019**, 14-16<sup>th</sup> October 2019, Liverpool. More details on [www.rcr.ac.uk](http://www.rcr.ac.uk)
- **BSER 6<sup>th</sup> Annual Conference**, 24-25<sup>th</sup> June 2020, Sheffield. Check out our social media and website for updates [www.bser.org](http://www.bser.org)
- **ESER Annual Congress**, 18-19<sup>th</sup> September 2020, Brussels. Check out our social media and website for updates [www.eser-society.org](http://www.eser-society.org)

### Webinars

ESER website has lots of webinars which are available for you to sign up to. All available on [www.eser-society.org](http://www.eser-society.org). Future webinars include:

- August 27<sup>th</sup> **Pancreatitis & Its Complications** with Dr Giedre Kavaliauskiene (Oslo, Norway).
- September 3<sup>rd</sup> **Traumatic Head & Neck Emergencies** with Dr Marc-Andre Weber (Rostock, Germany).

## Interesting Reads

- Emergent imaging of paediatric cervical spine trauma - <https://doi.org/10.1148/rg.2019180100>
- Current imaging practice for suspected scaphoid fracture in patients with normal initial radiographs: UK-wide national audit - <https://www.ncbi.nlm.nih.gov/pubmed/30952360>
- Multidetector CT of laryngeal injuries: Principles of injury recognition - <https://doi.org/10.1148/rg.2019180076>

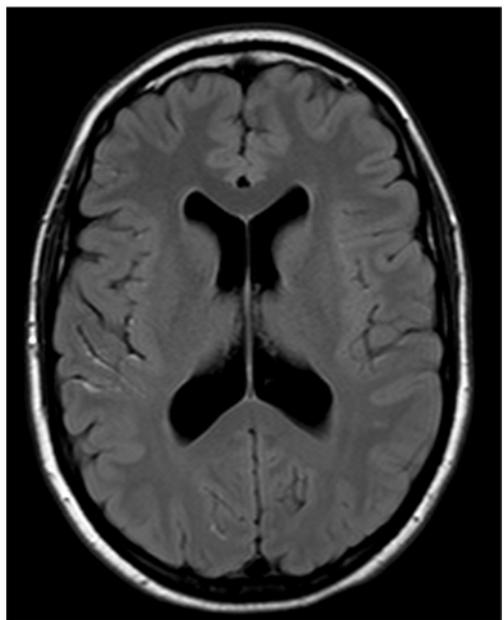
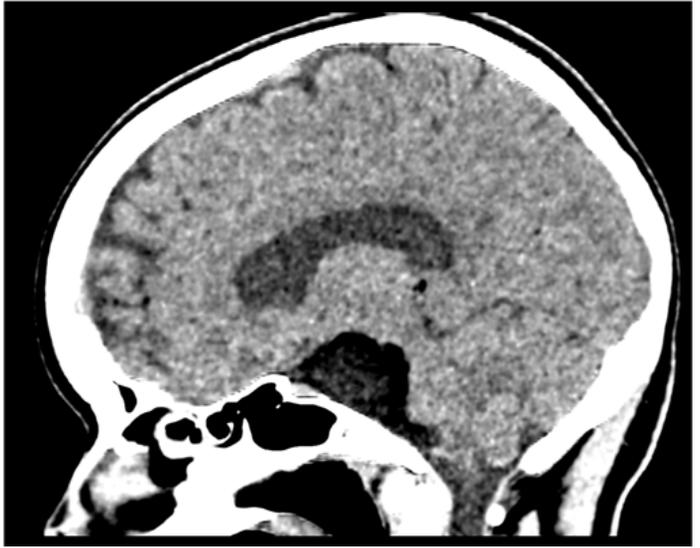


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## Interesting Case

35 year old woman presents with sudden onset occipital headache, neck pain and photophobia. Selected slices from CT and MRI Head.



## Online Presence

- The **ESER website** is a valuable resource for education. It is packed with free webinars, e-books and other teaching resources. [www.eser-society.org](http://www.eser-society.org)
- For those UK based Radiologist - BSER has a **new website!** We are constantly expanding the site with new material added regularly. [www.bser.org](http://www.bser.org)
- Both BSER and ESER have established social media pages on both **Twitter** and **Instagram**. Follow us **@bseradiology** & **@eseradiology**
- We are also keen to hear from members so please get in touch with any comments, interesting work you are doing or ideas for future newsletter articles [info@bser.org](mailto:info@bser.org) & [office@eser-society.org](mailto:office@eser-society.org)



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- T1 MRI shows high signal within the mass and high T1 signal in right sylvian fissure and subarachnoid spaces posteriorly. Unenhanced CT shows low attenuation midline lesion adjacent to the clivus with further low attenuation material in the subarachnoid spaces.
- T2 MRI shows more subtle high signal in the subarachnoid spaces in the right frontotemporal lobes.
- Learning points
  - Presents like SAH
  - Look for fat attenuation material in subarachnoid spaces to confirm rupture.
  - T1 sequences best demonstrate fat on MRI

Diagnosis – Ruptured dermoid.

**Interesting Case Answer**

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