# EMERGENCY RADIOLOGY (UK EDITION) Spring 2020

British Society of Emergency Radiology

Welcome Emergency Radiology Enthusiasts!

- The British Society of Emergency Radiology (BSER) and European Society of Emergency Radiology (ESER) were established to promote enthusiasm for, and interest in, emergency imaging and disseminate information relating to clinical, educational and research aspects of emergency radiology.
- This newsletter will update UK-based radiologists on the many Emergency Imaging activities available at a national and European level.

## Letter from the Editor

Dear readers,

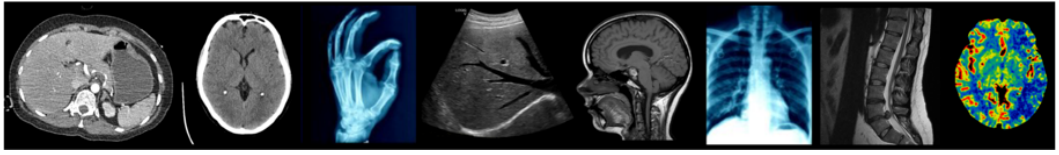
This newsletter comes at the beginning of a time of global uncertainty with what is likely to be the greatest challenge the NHS has faced within our lifetimes. Hospitals are facing an unprecedented demand for critical care beds and ventilatory support equipment in combination with high levels of staff sickness and the need for self-isolation. Radiology departments are on the front line of these challenging times with all staff in our departments having to adapt daily to the new challenges faced. Radiographers in particular are seeing a huge demand for portable imaging and are selflessly rising to this challenge. Consultants are adapting by increasing home working, running virtual clinics, remote MDTs and producing rapidly evolving local and national imaging guidelines. Training has been put on hold to ensure essential service provision with registrars covering acute sessions only and even junior trainees being redeployed into clinical medicine to support their colleagues on the wards and in the emergency departments.

This edition of the Newsletter aims to guide our readers to the raft of online resources which have become available in the last few weeks. Although this pandemic is causing unprecedented pressure on the NHS we should also recognise the unique learning opportunity this pandemic has created. In addition to the clinical and radiological learning points there are unique learning opportunities in both resource management and major incident planning. At this time of social distancing, online resources and social media are playing a key role in education and I would encourage people to share their learning experiences on your preferred platform.

Thank you to all of the excellent staff within the NHS and other essential services, particularly to those who are using their precious free time to produce some fantastic educational material.

Stay safe.

Dr Chris McLeavy (BSER Newsletter Editor).



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# BSER 2020 Postponement

Dear Colleagues,

The COVID-19 outbreak has been unprecedented and has put the whole world into a period of uncertainty. The BSER Committee has been monitoring the situation closely and after reviewing all evidence available, we have taken the difficult decision to postpone the BSER conference to the 24th and 25th of June 2021, once again to be held in Sheffield.

The health and safety of our colleagues and communities will always be our overriding priority and we hope you will all agree that this is a reasonable step to take.

We appreciate that a lot of time and effort has gone into preparing for BSER 2020 and we thank everyone involved. The BSER 2021 conference will have a very similar format and theme to the one planned for this year.

We will be contacting the delegates directly, but anyone registered for the conference will have the chance to keep their booking as it is for 2021 or receive a full refund.
We will accept all submitted abstracts for this year's conference for BSER 2021.
And we invite colleagues who have been working on abstracts to carry on and submit their work throughout the year - we make a commitment to accept all emergency radiology related work for BSER 2021.

We will also be approaching all our speakers individually to invite them to contribute in BSER 2021.

We apologise for the inconvenience caused but we hope to see you at BSER 2021 in Sheffield.

Best wishes

British Society of Emergency Radiology Committee


## BSER 2021 – Beyond 2021: Advances, Education & Collaboration

## 24-25th June 2021

## Millennium Gallery Sheffield

For booking and more information visit - www.bser.org

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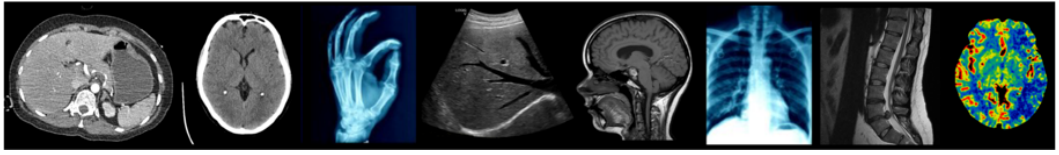

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## COVID-19 Specific Learning

- The Royal College of Radiologists (RCR) has a dedicated section of their website for COVID-19 with links to educational material and the RCRs official statements/guidelines - https://www.rcr.ac.uk/college/coronavirus-covid-19-what-rcr-doing/coronavirus-covid-19-resources
- The European Society of Radiology (ESR) has a dedicated page on their website for COVID-19 with links to educational material - https://www.myesr.org/covid-19-resources
- The Radiology Society of North America (RSNA) and Radiographics have already published multiple papers on COVID-19. Use the search function on the RSNA website to read more - https://www.rsna.org/news
- The American Society of Radiology have produced imaging guidance for COVID-19 patients - https://www.acr.org/Advocacy-and-Economics/ACR-Position-Statements/Recommendations-for-Chest-Radiography-and-CT-for-Suspected-COVID19-Infection
- The British Thoracic Society (BTS) have produced COVID-19 clinical guidelines - https://www.brit-thoracic.org.uk/about-us/covid-19-information-for-the-respiratory-community/
- The European Respiratory Society (ERS) have produced COVID-19 clinical guidelines - https://www.ersnet.org/the-society/news/novel-coronavirus-outbreak--update-and-information-for-healthcare-professionals

## Other Educational Materials

- The European Society of Radiology (ESR) have made all of their educational material via the "**ESR Connect**" and "**Education On Demand**" platforms **free** of the next 4 weeks. Sign up via - https://connect.myesr.org and https://learn-myesr.talentlms.com/index
- The European Society of Emergency Radiology (ESER) has a range of webinars available **free to members** with membership starting at just 20.00 Euros - https://www.eser-society.org/webinars/

## Final FRCR 2A Emergency Radiology Question Panel

The RCR recognises the importance of emergency radiology training in the UK and are introducing questions specifically aimed at testing emergency imaging knowledge in the **Final FRCR 2A examination**.
BSER have been asked to put together a committee of radiologists interested in writing questions for the FRCR 2A question bank.
The role comes with **CPD points** and is a recognised position in the RCR which looks good on any CV.
For more information and expressions of interest please contact christopher.mcleavy@nhs.net

## ESER 2020

- The ESER 2020 Congress is currently still going ahead!
- Register before 16/08/20 to take advantage of the early-bird discounted rates
- Abstract submission is now open. Submission deadline is 21/06/20

https://www.eser-society.org/congress/


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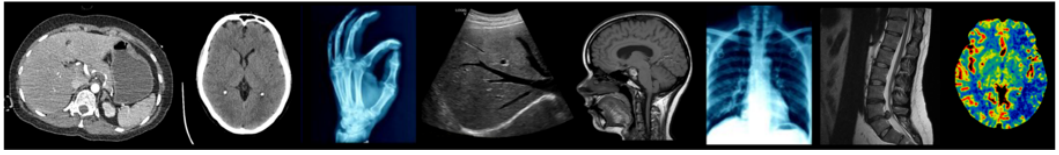

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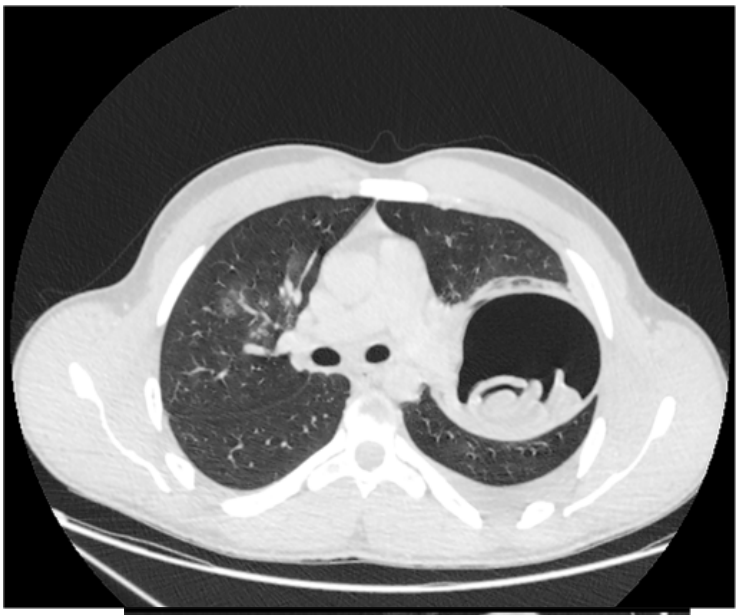
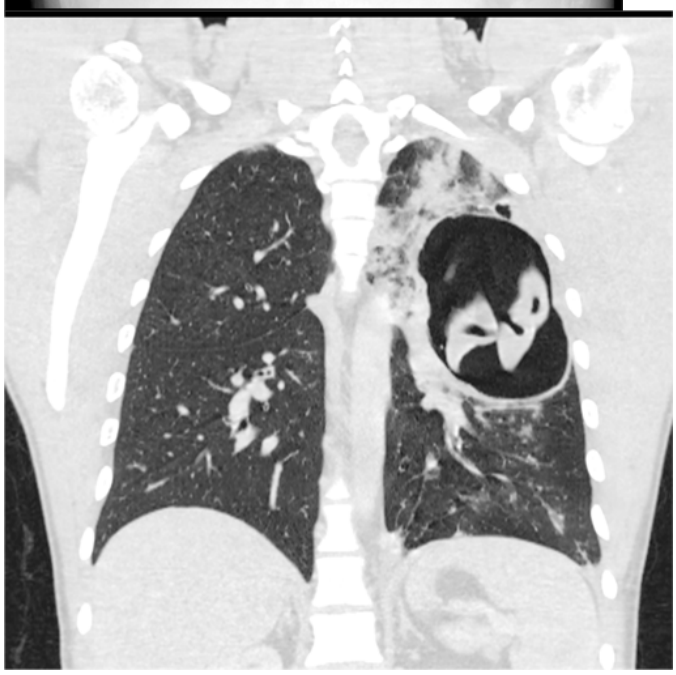
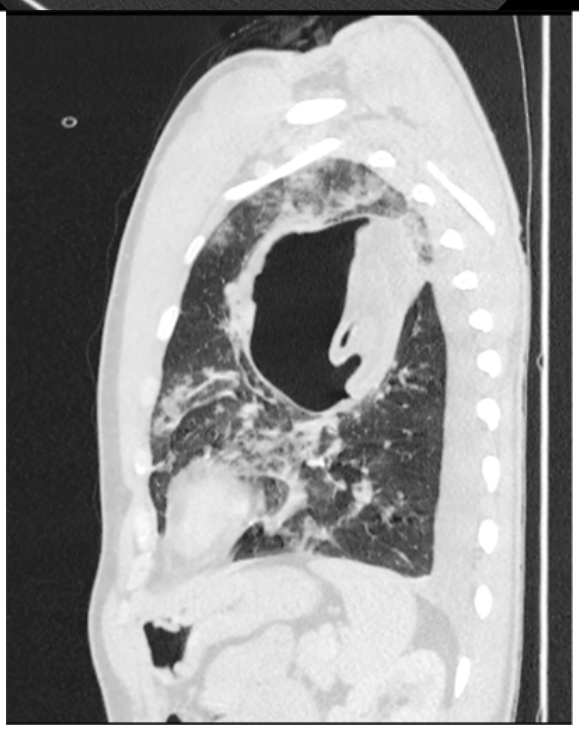
# Interesting Case

46 year old female from the south of France presents with a few months history of weight loss, fatigue, progressive shortness of breath and a more recent cough productive of a thin membranous material. Initial chest radiograph was performed with a subsequent CT of the thorax and upper abdomen.
Describe the imaging findings.
What is the most likely diagnosis? (Clue: It is not COVID-19)







**Plain Radiograph -** there is volume loss in the left hemithorax with a large cavitating lesion centred in the left mid-zone which demonstrates an air crescent sign and soft tissue density material within the cavity.
**CT Chest –** there is a large cavitating lesion involving the left lung. There are folds of soft tissue density material which have collapsed away from the walls of the cavity into its dependant portion. Some peripheral calcification can be seen in this folded material. Consolidation is seen surrounding the cavity.
**Diagnosis –** Pulmonary Hydatid Disease.
**Facts:**

- CT appearances are classical of the Water Lilly Sign.
- The history of coughing up thin, membranous, "grape-skin like" material is also classically described in collapsed hydatid cysts.
- Lung involvement is 2nd only to hepatic involvement
- Caused by tape-worm infection
- Wide geographical distribution but common around the Mediterranean

For more information - https://radiopaedia.org/articles/pulmonary-hydatid-infection?lang=gb