

Member Newsletter

September 2019



I hope you all had a good summer, it was busy for AXREM with member visits and meetings with the MHRA, NICE, UK Medtech Forum, NHS Supply Chain and more.

I have also been busy preparing for the autumn Special Focus Group meetings, with some interesting agenda's planned and updates on many of the actions, these are set to be well worth attending.

I would also like to thank all those members who took part in the recent survey about the UKIO event and those members who have responded about proposed changes to NHS Terms and Conditions, engaging with as many members as possible on important matters such as these, ensures that AXREM can form a view and represent member companies at key meetings raising any concerns.

I have received positive feedback about the first newsletter so I do hope the content is useful to you, your colleagues and your business, if there are other topics or articles you would like to see covered please do drop me an email and let me know.

If I am yet to meet you, please do keep in mind that I am happy to visit members so please do feel free to email me and arrange a convenient time sally.edgington@axrem.org.uk

Sally Edgington (AXREM Director)

Health Secretary announces £250 million investment in artificial intelligence

A new National Artificial Intelligence Lab will use the power of artificial intelligence (AI) to improve the health and lives of patients. The AI Lab will bring together the industry's best academics, specialists and technology companies to work on some of the biggest challenges in health and care, including earlier cancer detection, new dementia treatments and more personalised care.

AI is already being developed in some hospitals, successfully predicting cancer survival rates and cutting the number of missed appointments.

The AI Lab's work could:

- improve cancer screening by speeding up the results of tests, including mammograms, brain scans, eye scans and heart monitoring
- use predictive models to better estimate future needs of beds, drugs, devices or surgeries
- identify patients most at risk of diseases such as heart disease or dementia, allowing for earlier diagnosis and cheaper, more focused, personalised prevention
- build systems to detect people at risk of post-operative complications, infections or requiring follow-up from clinicians, improving patient safety and reducing readmission rates
- upskill the NHS workforce so they can use AI systems for day-to-day tasks

- automate routine admin tasks to free up clinicians so more time can be spent with patients

To read more: https://www.gov.uk/government/news/health-secretary-announces-250-million-investment-in-artificial-intelligence?wp-linkindex=2&utm_campaign=OurNHS_wrap_up&utm_content=dhsc-mail.co.uk&utm_medium=email&utm_source=Department_of_Health_and_Social_Care

Improved Imaging Technique Could Increase Chances of Prostate Cancer Survival

August 20, 2019 — According to the American Cancer Society, approximately one in nine men will be diagnosed with prostate cancer in their lifetime. It's both the second most common cancer and second most common cause of cancer death in American men. Early detection is critical and can increase a man's chances of survival.

"Imaging has become an essential component of modern medicine," said Pingkun Yan, assistant professor of biomedical engineering at Rensselaer Polytechnic Institute. "I believe it will become more and more important with precision medicine. If you use imaging together with other techniques, you can actually better customize a treatment for a specific patient."

To read more: <https://www.itnonline.com/content/improved-imaging-technique-could-increase-chances-prostate-cancer-survival>

National Diagnostic Reference Levels (NDRLs) updated from 19 August 2019

The following tables list the National Diagnostic Reference Levels (NDRLs) for the UK. National Dose Reference Levels for radiotherapy planning CT scans are also listed.

The NDRL values should be considered by employers when setting their local DRLs as required by the Ionising Radiation (Medical Exposure) Regulations 2017 (as amended).

The UK National DRLs are based on body region examined and, where appropriate, the clinical requirement for the examination.

To see the tables and read more: <https://www.gov.uk/government/publications/diagnostic-radiology-national-diagnostic-reference-levels-ndrls/ndrl>

Radiologist shortage 'affecting cancer care' in the UK

A shortage of senior radiologists around the UK is causing delays for patients and affecting cancer and other medical care. Radiologists' leaders say the situation is unacceptable and must be tackled by ministers.

Figures suggest their workload of reading and interpreting scans has increased by 30% between 2012 and 2017. But the number of consultant radiologists in England has gone up by just 15% in that time. The figures, given to the BBC by the Royal College of Radiologists, also suggest the

number of these senior posts in Scotland, Wales and Northern Ireland has remained static over that period.

To read more: <https://www.bbc.co.uk/news/health-45275071>

Artificial Intelligence being trialled to help analyse breast scans in Lincolnshire hospitals

United Lincolnshire Hospitals NHS Trust (ULHT) is one of only two Trusts in the country to take part in a ground-breaking new trial using artificial intelligence (AI) to support breast screening. ULHT is part of the East Midlands Radiology Consortium (EMRAD), a partnership of seven NHS trusts, spread over 11 hospitals, looking after more than five million patients.

EMRAD launched in 2013 with the objective to create the foundations for stronger clinical collaboration, starting with the implementation of a new, common digital radiology system. This pioneering work saw the East Midlands become the first health community in the UK where NHS hospitals could quickly and easily share diagnostic images such as x-rays and scans. The image-sharing system has set the national benchmark for a new model of clinical collaboration within radiology services in the NHS.

To read more: <https://www.sleafordstandard.co.uk/health/artificial-intelligence-being-trialled-to-help-analyse-breast-scans-in-lincolnshire-hospitals-1-9038065>

Diagnostic value of ultrasound in comparing different types of arthritis

Ultrasound is a non-invasive and relatively inexpensive means of diagnosing a number of medical conditions. This review presents an analysis of the diagnostic value of ultrasound to draw comparison between different types of arthritic conditions. The 7 major arthritic conditions included in this study are osteoarthritis, rheumatoid arthritis, gouty arthritis, pseudogout (calcium pyrophosphate deposition disease), psoriatic arthritis, infectious arthritis and spondyloarthritis.

To read more: <https://www.news-medical.net/news/20190812/Diagnostic-value-of-ultrasound-in-comparing-different-types-of-arthritis.aspx>

Government announce over 88,000 companies will be allocated EORI

Please find below the link to the latest updates to accelerate Brexit preparations and in particular the announcement that more than 88,000 VAT registered companies across the UK will be allocated an Economic Operator Registration and Identification (EORI) number in the next two weeks in order to keep trading with customers and suppliers in the EU after the UK has left.

<https://www.gov.uk/government/news/chancellor-accelerates-brexit-preparations-for-businesses>

Cancer survival in the UK improving, but lagging behind – study

Cancer survival in the UK is on the up, but is still lagging behind other high-income countries, analysis suggests. Five-year survival rates for rectal and colon cancer improved the most since 1995, and pancreatic cancer the least. Advances in treatment and surgery are thought to be behind the UK's progress.

But the UK still performed worse than Australia, Canada, Denmark, Ireland, New Zealand and Norway, the study in Lancet Oncology found. Cancer Research UK said the UK could do better and called for more "investment in the NHS and the systems and innovations that support it".

The research looked at data on nearly four million patients with seven types of cancer - oesophagus, stomach, colon, rectum, pancreas, lung and ovary - from seven high-income countries. The cancer patients were all diagnosed between 1995 and 2014.

To read more: <https://www.bbc.co.uk/news/health-49661516>

The 'make do and mend' health service: Solving the NHS' capital crisis

The NHS has had historically low levels of capital investment. Compared to similarly advanced economies, this country's capital investment has been very low. On average, a person living in the UK has missed out on almost £2,000 since 1975 – the equivalent of over £100 billion overall.

This report recommends a new settlement to fund capital and support transformation totalling £5.6 billion per year – an 80 per cent uplift. The PFI legacy must also be urgently addressed, through a 'right to enfranchisement' for the NHS, which would bring those that represent bad deals back into public ownership.

To read the full report: https://www.ippr.org/research/publications/the-make-do-and-mend-health-service?utm_source=The%20King%27s%20Fund%20newsletters%20%28main%20account%29&utm_medium=email&utm_campaign=10872387_NEWSL_HMP%202019-09-13&dm_i=21A8,6H16R,WNSZP9,PP7A3,1

with mentions of capital medical diagnostic equipment from page 12.

Monthly Diagnostics Data 2019-20 July 2019

This report presents a monthly summary of diagnostic waiting times and activity across the NHS in England. This monthly report is part of a routine series of publications produced by NHS England and NHS Improvement.

The data presented in this report measures the current waiting times of patients still waiting for any of 15 key diagnostic tests or procedures at the month end. This data is split by number of weeks waiting, and by test.

Read the full reports: <https://www.england.nhs.uk/statistics/statistical-work-areas/diagnostics-waiting-times-and-activity/monthly-diagnostics-waiting-times-and-activity/monthly-diagnostics-data-2019-20/>

Breast Cancer Awareness Month 2019

It is a worldwide annual campaign taking place in October, involving thousands of organisations, to highlight the importance of breast awareness, education and research.

During Breast Cancer Awareness Month, Breast Cancer Now aim to get as many people as possible involved in raising awareness and funds to help support our life-saving research and life-changing support.

As the UK's largest breast cancer research charity, along with our supporters, we do this through campaigning, raising money, an array of events across the UK as well as, of course, wearing it pink with all of you!

This Breast Cancer Awareness Month do something great – make life-saving research happen by supporting wear it pink. To find out how you can get involved: https://www.wearitpink.org/about/breast-cancer-awareness-month?utm_source=bing&utm_medium=cpc&utm_campaign=WIP%202019%20-%20Breast%20Cancer%20Days&utm_term=breast%20cancer%20awareness%20month%202019&utm_content=Awareness%20Month

NOTE: *If you and your colleagues are wearing pink in October please email pictures to sally.edgington@axrem.org.uk so I can include them in the next newsletter and write a news piece for our website.*



NHS Supply Chain - Supplier update on Customer EU Exit Preparation

In March 2019, supply chain ran the Critical projects webinar series for customers and suppliers in preparation for leaving the EU.

They have reinstated the series and the supplier webinar will inform you of the EU Exit preparations shared with our customers. It is in addition to the information already provided to you in the supplier webinar on 5 September 2019. The webinar take place 12pm till 1pm on 27 September 2019. To register for the webinar, please click here:

https://register.gotowebinar.com/register/7399598207341125388?utm_source=NHS%20Supply%20Chain%20%28DHL%20Supply%20Chain%29&utm_medium=email&utm_campaign=10872078_0635%20Critical%20Projects%20Bulletin%20Supplier%20Webinar%201909&dm_i=AR6,6H0Y6,W85XUZ,POGGQ,1

Getting ready for Brexit Webinar



HM Revenue
& Customs

This webinar provides an overview for UK businesses involved in the movement of goods between the EU and the UK. Find out what you need to know to keep importing and exporting.

There are several dates and times available from the 24th September to 30th October. To register:

<https://register.gotowebinar.com/rt/6556129852233668609?source=Se-p-HMRC-Comms-OGD>

AXREM dates for your diary:

Ultrasound SFG Meeting

Tuesday 17th September 10.30am, Rotherwick House in London

Service Managers SFG Meeting

Wednesday 18th September 10.30am, Rotherwick House in London

AXREM Executive Committee Meeting

Thursday 26th September 10.30am, Rotherwick House in London

AXREM Supply Chain Collaboration Meeting

Wednesday 9th October 10.30am, London TBC

All Members Marketing Meeting

Thursday 7th November 10.30am, Rotherwick House in London

PACS RIS SFG Meeting

Tuesday 12th November 10.30am, Rotherwick House in London

AXREM Executive Committee Meeting

Monday 16th December 10.30am, Rotherwick House in London

To book a place for any of the above meetings please email sally.edgington@axrem.org.uk

Industry Events (these events are not endorsed or supported by AXREM)

BMUS Ultrasound 2019 – December 10th – 12th, Harrogate Convention Centre

Digital Health Rewired 2020 – March 3rd – 4th, Olympia London

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