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Research & Innovation Bulletin

NHS
Northern Care Alliance
NHS Group

Research news from the Northern Care Alliance

20 February 2019

The Northern Care Alliance NHS Group serves a population of over 1 million people with five local hospitals, 2,000 beds, specialist, acute and community services, and over 17,000 staff from Salford Royal NHS Foundation Trust and The Pennine Acute Hospitals NHS Trust. It has a rich history of pioneering health care and is now building one of the most innovative environments in the UK for conducting patient-focused health research and translating it into patient benefit.



Brilliant work sees recruitment target smashed

Well done and thank you to all involved in research across the Northern Care Alliance whose hard work and dedication has seen us reach our NIHR Clinical Research Network recruitment target ahead of the end of the year. You will see more about this important milestone when all the returns are formalised later in the spring but we are confident that we have achieved another record-breaking year. We have also recruited the first UK patient to an amazing 13 studies in 2018-19 - more details of the latest below.

News





UK first for Parkinson's team

Congratulations to the Parkinson's disease clinical research team at Fairfield General Hospital who recruited the first UK patient to a new European study.

The study is comparing a new sublingual formulation of a drug for the management of Parkinson's disease symptoms with an approved injected subcutaneous formulation of the same drug. It aims to enrol 106 patients across Europe by December 2019. The research team on the study at Fairfield is Sannah Hussain, Julie Melville, Rosane Joseph, Linda Johnson and Dionne Dervin, working with Principal Investigator Dr Jason Raw and Sub-Investigators Dr Rob Irving and Dr Aamir Ansari. The trial is sponsored by Sunovion Pharmaceuticals.

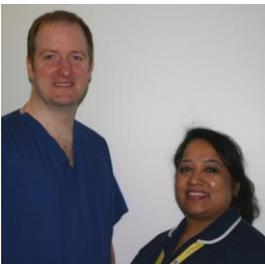


Cancer team first off the blocks

Well done to the cancer research team at the Royal Oldham Hospital who recruited the first UK patient to a major global study comparing treatments for multiple myeloma, a blood cancer arising from plasma cells.

The phase 3 study aims to recruit 360 patients newly diagnosed with multiple myeloma and who are not having a stem cell transplant as initial therapy. It is assessing the effectiveness of adding an additional drug to the three that are currently used to treat this form of cancer.

The research team on the study at the Royal Oldham are Lyndsay Scarratt, Amy Slack, Denise Hadfield and Joanne Johnson, working with Principal Investigator Dr Antonina Zhelyazkova. The trial is sponsored by Janssen Research and Development.



Leading way for bladder cancer patients

Congratulations to Oncology Research Nurse Manager Cellins Vinod, Principal Investigator Euan Green and the urology team on recruiting the first UK patient to a new study developing a patient-reported symptom index for people with early bladder cancer.

The study will recruit 250 patients in Australia, the USA, Canada and the UK who will answer questionnaires about their symptoms before and after bladder tumour surgery with the aim of improving understanding of the effects of treatments on patients' quality of life. Bladder cancer is the ninth most common cancer diagnosed worldwide but there have been few studies so far on this topic.

The study is led by Associate Professor Manish Patel at the University of Sydney and Mr Green is the UK Principal Investigator.



University role for Dave...

Congratulations to Advanced Physiotherapy Practitioner Dave Thompson, who has been appointed a Visiting Research Fellow at Manchester Metropolitan University. His new role will see him advising university colleagues from a clinical perspective to help design and run research studies in musculoskeletal medicine and persistent pain. Dave is also Tier II Clinical Lead for Bury Integrated Pain Service.



... and another for Steve

Research and Innovation Operations Director Professor Steve Woby has been appointed Visiting Professor at Manchester Metropolitan University. This follows his appointment as Honorary Professor at the University of Salford in 2017 and again recognises his research contribution within the field of chronic musculoskeletal pain/fatigue, as well as the role he plays in research and innovation across the region.

Strengthening existing links and forging new collaborations with academic partners is a key strand of our Research & Innovation strategy.



ABC-ICH shortlisted for award

The innovative [ABC-ICH Stroke project](#) has been shortlisted in the Stroke and Cardiovascular category for the prestigious BMJ Awards.

The team, made up of experts from Salford Royal and the [Greater Manchester Connected Health City](#) (GM CHC) programme at The University of Manchester, have designed an app to assist in the delivery of an innovative 'ABC care bundle' for stroke patients.

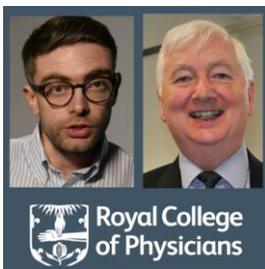
Since the care bundle - developed at Salford Royal by Dr Adrian Parry-Jones - and app have been implemented, two lives have been saved every month.



Key roles in myositis group

Congratulations to rheumatology consultant Dr Hector Chinoy and neurology registrar Dr James Lilleker, who have been invited to become members of the [International Myositis Assessment & Clinical Studies Group](#) (IMACS) Scientific Committee. Dr Chinoy has been appointed a member of the IMACS Scientific Committee and Dr Lilleker a fellow member. Both are based at Salford Royal, with their academic work at The University of Manchester.

The committee reviews research proposals and publications, as well as suggesting future scientific directions and new studies.

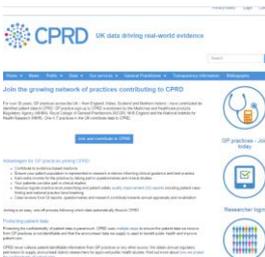


Consultants to speak at RCP conference

Salford Royal Renal Consultant Professor Donal O'Donoghue and Consultant Neurologist Dr Matt Jones are among the speakers at the [Royal College of Physicians Medicine 2019](#) conference, exploring the latest developments in healthcare to improve patient care.

Dr Jones will discuss neurology for the acute physician while Prof O'Donoghue will lead the renal section of the clinical cases session, at which Dr Rueben Roy, a renal trainee at Salford Royal, will speak. Prof O'Donoghue will also chair a plenary on challenges in medicine.

Health Secretary Matt Hancock and Professor Stephen Powis of NHS England will also speak at the event on 25 and 26 April at Manchester Central.



GP practice opportunity

GP practices have an opportunity to gain useful feedback for improving patient care, contribute to medical research and even earn some money by joining [Clinical Practice Research Datalink](#) (CPRD). More than 1,300 practices already take part, contributing data which can be used to prove the safety of drugs/vaccines. They can earn extra money by completing questionnaires and taking part in clinical trials. A key benefit is receiving regular practice-level prescribing and patient safety [quality improvement reports](#), which help GPs to review patient care. Find out more [here](#) about how data can be used to improve patient care.

Please click this [link to join](#).



Primary care research

GPs are being sought to take part in these active research studies in Salford:

- [DISKO](#) - The effect of Denosumab on pain and bone marrow lesions in knee osteoarthritis. If you are interested, contact Research Nurse Helen.Haydock@srft.nhs.uk or ROAM@manchester.ac.uk
- [ATTACK](#) - Aspirin to target arterial events in chronic kidney disease. For more information, contact Jennifer.dumbleton@nottingham.ac.uk
- [AKI](#) - Targeting acute kidney injury (AKI) to improve patient safety: informing a learning healthcare system. If you are interested, contact Dr Jung Yin Tsang on Jungyin.tsang@manchester.ac.uk

If you would like to find out more about how your practice can become involved in any upcoming and future research studies, please contact hilary.prais@mft.nhs.uk, who can inform you of any suitable opportunities.



Meet the team - Jess Zadik

Jess is the Engagement in Research Manager across the NCA. Her role is to facilitate participation in research, working with clinical teams and academics to develop and embed patient and public involvement (PPI) in research at each stage of the process. Central to this is engaging and involving patients and members of public to increase understanding and knowledge about research taking place in the NHS.

Jess has over 15 years' experience of stakeholder engagement in the health sector and prior to working with Trust, she worked in the public sector and in education across Greater Manchester, managing a range of city-wide and regional projects working with adults and young people to improve health outcomes.

Leading our engagement activities, Jess can provide expertise on best practice of user involvement for both pre-grant and funded research, working with teams to recruit and develop PPI advisory groups and public co-applicants for NIHR and open-call grants. She is currently working on a number of initiatives to improve inclusion in research for under-represented groups.

Not one for sitting still for long, in her spare time Jess is likely to be making metal sculptures or growing vegetables on her allotment.

She is based in the joint office at Salford and can be contacted on jess.zadik@srft.nhs.uk.



Need help finding funding?

Funding search services are available to staff members who submit their ideas for innovations or service improvement suggestions through [Innovation Factor®](#).

Submitters will be able to identify potential funding opportunities for their projects as well as access expert support and guidance on taking their ideas forward. Support is provided by TRUSTECH, the NHS Innovation Experts, NCA's innovation partner. Click [here](#) to learn more.



It's competition time

Do you want to win a memory stick, USB adaptor and a BMJ bag? Then enter the Library and Knowledge Service competition - all you have to do is go onto the [BMJ Best Practice site](#) (you will need your OpenAthens login – if you haven't got one [email](#) to set one up). Then search 'sarcoidosis' on BMJ Best Practice and

- list all the differentials of the condition
- identify two complications of sarcoidosis.

Send your responses to library@pat.nhs.uk listing your site base and we will draw a winner for each Care Organisation. You can double your chances by sending via email and via [Twitter](#) by sending us a Direct Message with the answer. The closing date for entries is 12 March 2019.

If you would like training on how to use BMJ Best Practice or any of our other resources then contact the Library and Knowledge Service.

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Research stars of the month





Bury & Rochdale

The pre-operative assessment clinic at Fairfield is busy and staff have a really demanding workload - but they still find time to be very accommodating and helpful to the team running ASPIRE-SSI, a major European research study exploring Staphylococcus aureus and surgical site infections. They are a lovely friendly team who have made it easy for the research team to find their way and recruit patients to this complex study.



Oldham

The marvels of the microbiology team are the Royal Oldham's research stars - they're a really helpful and accommodating team working very hard to make sure study samples are processed, packed and transported correctly. Our research nurses say they deserve special recognition for the way they frequently go above and beyond the call of duty to support research throughout the Trust.



Send your nominations

Please keep sending your nominations for the research star of the month, with the name of the person or team and a short paragraph explaining why their work should be recognised to [Vikki O'Loughlin](#) and [Jess Zadik](#).

You can also nominate your team or a colleague for these awards:

- [Patient Safety Awards](#) - closing date 22 February
- [Greater Manchester Health and Care Champion Awards](#) - closing date 15 March
- [Nursing Times Awards](#) - closing date 26 April
- [Chief Allied Health Professional Officer Awards](#) (including AHP Research Impact category) - closing date 10 May

Congratulations

Congratulations to Senior Research Nurse Grainne O'Connor, Paediatric Research Nurse Chloe Rishton and Principal Investigator Dr Beena Padmkumar for recruiting the 360th - and final - participant to the PREDNOS2 study. This is testing whether treating children with steroid sensitive nephrotic syndrome with a short course of daily prednisolone if they have an upper respiratory tract infection reduces the rate of disease relapse. The final patient was recruited at the Royal Oldham Hospital - North Manchester and Fairfield General where Dr Talaivirichan Magadevan was the co-investigator, have also recruited to the study.

Well done to the Research for the Future team, which has been shortlisted for an NIHR Digital Festival Award. The shortlisting reflects the team's pioneering work to develop their [website](#), social media and promotional videos, and to share their learning with others. The winners will be announced during the Digital Festival on 26 March, at the NEC in Birmingham.

Congratulations to Catherine Stansfield, Nurse Consultant at Salford Royal, who has written a chapter on Maintaining an IBD Nurse Service in the [Inflammatory Bowel Disease Nursing Manual](#), edited by Andreas Sturm and Lydia White and published by Springer.

Well done to Professor Julie Snowden, Consultant Neuropsychologist at Salford Royal, who has contributed a chapter on the Interrelationship between semantic memory and personal experience: Evidence from semantic dementia patients to the book [Cases of Amnesia: Contributions to understanding memory and the brain](#), edited by Sarah MacPherson and Sergio Della Sala and published by Routledge.

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Engagement



Creating Inclusive Research

Are you a researcher, health or social care professional, post-graduate student or public contributor in health and social care? Are you interested in developing your understanding of how considering health inequalities and diversity and inclusion in public involvement, can help in your work?

An NIHR collaborative event [Public Involvement in Research in the North West - Creating Inclusive Research](#) takes place on Thursday 14 March at The Pyramid, Warrington.

It will focus on learning from case studies across the North West where diverse and inclusive approaches to patient and public involvement have been employed.

Specialist help with recruitment

Recruiting patients to trials can be a problem, with researchers often finding it hard to recruit enough people as quickly as they're needed.

But specialist help is available locally through [Research for the Future](#), which aims to help researchers recruit to time and target by informing its database of volunteers about research studies they are eligible to take part in. The conditions it covers are diabetes, respiratory conditions, kidney disease and heart disease.

For more information or advice contact Katherine Grady, the Research for the Future programme manager: research.future@srft.nhs.uk.

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Funding



Royal College of Anaesthetists awards

Fellows, Members and Trainee members of the Royal College of Anaesthetists can apply for these £1,000 awards, jointly awarded with the NIHR Clinical Research Network. Applicants must be NHS clinicians (clinical academics are not eligible) and contribute to research alongside their usual clinical duties.

Applicants must outline their contribution to the leadership of several NIHR Clinical Research Network Portfolio studies and set out how they would use the prize money to increase their research. There's [more here](#) and the deadline is 30 April.

Rosetrees Trust Young Enterprise Fellowships

These new Fellowships are aimed at recently qualified postdoctoral researchers who wish to develop a long-term programme of biomedical research. The scheme is designed for researchers to develop a new and truly innovative idea to address an important unmet clinical problem.

Applicants must either be in the final year of their PhD studies or be an early-career researcher with a maximum of three years post-doctoral experience (excluding career breaks). The fellowship offers up to £60,000 a year for three years available for salary and consumables costs. Further information about the scheme and how to apply can be found [here](#).

Senior rheumatology research fellowships

The Kennedy Trust for Rheumatology Research has issued a call for a new £2.5m Senior Research Fellowship tenable at any UK university. The University of Manchester is one of a small number of institutions to have been invited to submit a single application and is inviting expressions of interest to submit for the award, by noon on Friday 22 February.

Anyone interested should forward a one page outline of their research topic and a CV to SFT@manchester.ac.uk. The CV should include a list of publications from the last three years, plus up to five key prior publications (with citations, in full). It should also include a list of all grants held in the last five years (awarding body, title, start & end dates and value of award).

UK Research and Innovation Future Leaders

This [UK Research and Innovation \(UKRI\) fellowship scheme](#) will support high achieving early career researchers and innovators by providing sustained funding and resources. Applicants are expected to hold a doctorate by the start date of the fellowship or to be able to demonstrate equivalent research experience and/or training. They are long-term awards and provide the fellow's salary and justified research, staff and training costs for up to seven years.

All applicants affiliated to The University of Manchester must submit an expression of interest for internal faculty review by 10am on 28 February to Sarah.Barton@Manchester.ac.uk. Applications not submitted for internal review cannot be submitted to UKRI.

NIHR calls

Current NIHR opportunities include:

- [Programme Development Grants](#) - themed calls on **improving the outcomes of health and social care for frail people and their carers** and **the management of chronic pain** (closing date 27 March).
- [Programme Grants for Applied Research](#) (closing date 3 April).
- [Global maternal and neonatal health 2019](#) - joint NIHR and MRC grant (closing date 24 April).
- [Health Technology Assessment Programme](#) - Anti-TB drug hepatotoxicity and treatment reintroduction (closing date 29 May).
- Public Health Research Programme - including [improving health and wellbeing for people who are at risk of or exposed to adverse childhood experiences](#) and [interventions that reduce harmful substance use with a focus on novel psychoactive substances](#) (closing date 30 July).

Visit the [NIHR website](#) for details of all current funding and support calls.

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Training



GCP dates for 2019

The dates for Good Clinical Practice (GCP) and GCP refresher courses for 2019 are now

available on [our website](#). If your certification is due to expire, please use [this link](#) to confirm your place.

Information governance workshop

This Connected Health Cities event is designed for those who involved in managing projects, data and/or technology from within the healthcare sector. It will cover how information governance relates to each part of the process of using health data for research or to improve a care pathway. This will include the process from the early stages of understanding the data landscape, designing a study, getting people involved and gaining access to the data. It's on 1 March in Manchester - [more here](#).

Future of surgical research in the North West

This free afternoon workshop in Warrington on 28 March is aimed at surgical trainees and consultants interested in progressing their surgical research career. Speakers include Professors Matt Costa, Tim Board, Carlo Palmieri and Niels Peek. You can book [here](#) or email nwstc@liverpool.ac.uk for more details.

Public reviewing

This interactive course for new and experienced reviewers of health and social care research has been produced by a team of public reviewers and patient and public involvement professionals with the NIHR.

It covers reviewing in all contexts for NIHR research funding programmes, plus skills and activities required at different levels and stages of research. It is designed for public contributors who are committee members as well as public reviewers. Researchers may also find it useful when writing research funding applications. [More here](#).

Digital epidemiology summer school

The Manchester Digital Epidemiology Summer School takes place from 17-19 July and will support participants to capture and use digital health data to support high-quality epidemiological research.

The programme covers opportunities, challenges and methods across a variety of data types: from data in electronic health records to data collected through smartphones and wearable devices. An internationally renowned and multidisciplinary faculty will deliver interactive seminars on cutting-edge methods for collecting and analysing digital data in the context of epidemiological studies. [More here](#).

Nottingham Systematic Review course

The Nottingham Systematic Review Course is aimed at those who want to develop and undertake a Cochrane-style systematic review of interventions. No previous knowledge of systematic reviewing is required.

It's a hands-on course with a high focus on practical and computer-based learning delivered through demonstrations, guided practical exercises and facilitated tutorials using Review Manager (RevMan) and Endnote software. It runs from 18-21 June - [more here](#).

Leading a culture of research and innovation

NHS R&D NW invites NHS middle managers (band 7 upwards) who are leading clinical teams to take part in an innovative programme to explore how to lead an effective culture of research and innovation by building leadership capacity and developing the skills and confidence to create an effective culture within their units, wards or departments.

The course is funded by Health Education England and consists of an initial two day residential on 4 and 5 April and two one-day workshops on 5 June and 3 July. [More here](#) or contact [Gillian Southgate](#) - the deadline for applications is 1 March.

Clinical trials coordination

This is a new two-day course aimed at Band 5 staff working in research coordination. It will focus on the logistics of conducting health research within the NHS, including study set-up, operation and closedown, HRA approval, grant applications and finance.

It runs from 5-6 June at the Nowgen Centre, Manchester, and costs £300. For more information contact Research.Training@mft.nhs.uk.

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Events



[Cloudy with a Chance of Pain](#). Professor Will Dixon, Director of The University of Manchester's Arthritis Research UK Centre for Epidemiology and Honorary Consultant Rheumatologist at Salford Royal will present the findings of the Cloudy with a Chance of Pain study, looking at possible links between weather and pain. It's tonight, 20 February, 6pm-8.30pm at the Renold Building, The University of Manchester.

[Breathomics 2019](#). This inaugural Breathomics meeting organised under the RSC Analytical Division brings together interdisciplinary and translational researchers to present and discuss innovative developments in breath research. It's on 1 March at the Pendulum Hotel, Manchester.

[World Healthcare Congress Europe 2019](#). This inaugural conference will showcase new models of global collaboration centred around three themes demonstrating Manchester's leading role in pioneering new approaches to healthcare - personalised healthcare, arts for health and wellbeing, and innovative health and social care ecosystems. It runs from 5-7 March at Manchester Central.

[Royal College of Physicians Medicine 2019](#). Salford Royal renal consultant Professor Donal O'Donoghue and consultant neurologist Dr Matt Jones are among the speakers at this conference to explore the latest cutting-edge developments in healthcare to improve patient care. It's on 25 and 26 April at Manchester Central.

[NIHR Greater Manchester PSTRC Symposium](#). This event for anyone with an interest in patient safety in healthcare will cover artificial intelligence, transitions in healthcare, avoidable harm and the devolved health and social care system in Greater Manchester. It's on 22 May at Crowne Plaza, Manchester.

[Phase 1: Where science becomes medicine](#). The Manchester Cancer Research Centre and the Experimental Cancer Medicine Centres network will host this three-day conference in Manchester city centre from 14-16 July. Keynote speakers include Lillian Siu (Princess Margaret Hospital, Toronto) and Skip Burris (Sarah Cannon Research Institute, Nashville).

[International Congress on Radiation Research](#). This 16th international conference will facilitate the development of multidisciplinary collaboration and interaction. It runs from 25-29 August at Manchester Central.

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Vacancies



- [CRN: GM Local Clinical Research Specialty Lead](#), mental health, hepatology and respiratory disorders (closes 24 February)
- [Dermatology Research Nurse, Band 6](#), based Salford (closes 24 February)
- [Clinical Physiologist Neurophysiology](#), based Salford (closes 27 February)
- [Senior Clinical Fellow - emergency medicine](#), based Salford (closes 27 February)
- [Senior Clinical Fellow - trauma and orthopaedics](#), based Salford (closes 18 March)

Please visit the [NHS Jobs](#) website for all internal or external vacancies.

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Publications



- Martyn Dibb, Simon Lal: [Monitoring long-term parenteral nutrition](#) (Current Opinion in Gastroenterology).
- Milo Hollingworth, Aimun Jamjoom, Diederik Bulters, Hiren Patel: [How is vasospasm screening using transcranial Doppler associated with delayed cerebral ischemia and outcomes in aneurysmal subarachnoid haemorrhage?](#) (Acta Neurochirurgica).
- Dina Ismail, Caroline Owen: [Paediatric vulval lichen sclerosis: A retrospective study](#) (Clinical and Experimental Dermatology).
- Kayleigh Mason, S Williams, Zenas Yiu, Kathleen McElhone, Darren Ashcroft, Elise Kleyn, Zarif Jabbar-Lopez, Caroline Owen, Nicholas Reynolds, Catherine Smith, Nina

- Wilson, Richard Warren, Christopher Griffiths: [Persistence and effectiveness of non-biologic systemic therapies for moderate-severe psoriasis in adults: A systematic review](#) (British Journal of Dermatology).
- Maharajan Raman, Rachel Middleton, Philip Kalra, Darren Green: [Outcomes in dialysis versus conservative care for older patients: A prospective cohort analysis of stage 5 chronic kidney disease](#) (PLOS One).
 - Saransh Jain, Vineet Ahuja, Jimmy Limdi: [Optimal management of acute severe ulcerative colitis](#) (Postgraduate Medical Journal).
 - Melissa Leija-Salazar, Fritz Sedlazeck, Marco Toffoli, Stephen Mullin, Katya Mokretar, Maria Athanasopoulou, Aimee Donald, Reena Sharma, Derralynn Hughes, Anthony Schapira, Christos Proukakis: [Evaluation of the detection of GBA missense mutations and other variants using the Oxford Nanopore MinION](#) (Molecular Genetics and Genomic Medicine).
 - Arash Assadsangabi, Caroline Evans, Bernard Corfe, Alan Lobo: [Application of proteomics to inflammatory bowel disease research: Current status and future perspectives](#)(Gastroenterology Research and Practice).
 - Richard Linner, Pietro Biroli, Edward Kong, Fleur Meddens, Robbee Wedow, Antony Payton, William Ollier, Michael Horan, Neil Pendleton, Jonathan Beauchamp, et al: [Genome-wide association analyses of risk tolerance and risky behaviors in over 1 million individuals identify hundreds of loci and shared genetic influences](#) (Nature Genetics).
 - Nawar Bakerly, Ashley Woodcock, Susan Collier, David Leather, John New, Jodie Crawford, Catherine Harvey, Jorgen Vestbo, Isabelle Boucot: [Benefit and safety of fluticasone furoate/vilanterol in the Salford Lung Study in chronic obstructive pulmonary diseases \(SLS COPD\) according to baseline patient characteristics and treatment subgroups](#) (Respiratory Medicine).
 - Rajkumar Chinnadurai, Iain Macdougall, Philip Kalra: [Treatment of anaemia in end-stage renal disease: A double-edged iron sword?](#) (EBio Medicine).
 - Daniel Martin, Chris Brew-Graves, Neil McCartan, Gavin Jell, Ingrid Potyka, Jia Stevens, Norman Williams, Margaret McNeil, Ronan O'Driscoll, Monty Mythen, Michael Grocott: [Protocol for a feasibility randomised controlled trial of targeted oxygen therapy in mechanically ventilated critically ill patients](#) (BMJ Open).
 - Mike Stedman, Mark Lunt, Mark Livingston, Anthony Fryer, Gabriela Moreno, Susan Bailey, Roger Gadsby, Adrian Heald: [The costs of drug prescriptions for diabetes in the NHS](#) (The Lancet).
 - Julie Snowden, Christopher Kobylecki, Matthew Jones, Jennifer Thompson, Anna Richardson, David Mann: [Association between semantic dementia and progressive supranuclear palsy](#) (Journal of Neurology, Neurosurgery and Psychiatry).
 - Alasdair Henry, Christine Bundy, Simon Kyle, Christopher Griffiths, Anna Chisholm: [Understanding the experience of sleep disturbance in psoriasis: A qualitative exploration using the Common Sense, Self-Regulation Model](#) (British Journal of Dermatology).
 - Nagaraj Malipatil, Helene Fachim, Kirk Siddals, Bethany Geary, Gwen Wark, Nick Porter, Simon Anderson, Rachelle Donn, Michelle Harvie, Anthony Whetton, Martin Gibson, Adrian Heald: [Data independent acquisition mass spectrometry can identify circulating proteins that predict future weight loss with a diet and exercise programme](#) (Journal of Clinical Medicine).
 - Stephen Morris, Angus Ramsay, Ruth Boaden, Rachael Hunter, Christopher McKeivitt, Lizz Paley, Catherine Perry, Anthony Rudd, Simon Turner, Pippa Tyrrell, Charles Wolfe, Naomi Fulop: [Impact and sustainability of centralising acute stroke services in English metropolitan areas: Retrospective analysis of hospital episode statistics and stroke national audit data](#) (BMJ).
 - George Kouvelos, George Antoniou, Konstantinos Spanos, Athanasios Giannoukas, Miltiadis Matsagkas: [Endovascular aneurysm repair in patients with a wide proximal aortic neck: A systematic review and meta-analysis of comparative studies](#) (Journal of

- Cardiovascular Surgery).
- Martin Sharrock, Stavros Antoniou, George Antoniou: [Vein versus prosthetic graft for femoropopliteal bypass above the knee: A systematic review and meta-analysis of randomized controlled trials](#) (Angiology).
 - Ajay Aggarwal, Arunan Sujenthiran, Daniel Lewis, Kate Walker, Paul Cathcart, Noel Clarke, Richard Sullivan, Jan van der Meulen: [Impact of patient choice and hospital competition on patient outcomes after prostate cancer surgery: A national population-based study](#) (Cancer).
 - William Spiller, Rohini Aggarwal: [Herpes simplex infection of the pinna](#) (Ear, Nose and Throat Journal).
 - Maria Jeziorska, Andrew Atkinson, Lewis Kass-Iliyya, Saad Javed, Christopher Kobylecki, David Gosal, Andrew Marshall, Monty Silverdale, Rayaz Malik: [Increased intraepidermal nerve fibre degeneration and impaired regeneration relate to symptoms and deficits in Parkinson's disease](#) (Frontiers in Neurology).
 - Thomas Stauss, Faycal El Majdoub, Dawood Sayed, Gernot Surges, William Rosenberg, Leonardo Kapural, Richard Bundschu, Abdul Lalkhen, Anand Rotte, Mohammad Maarouf, et al: [A multicentre real-world review of 10 kHz SCS outcomes for treatment of chronic trunk and/or limb pain](#) (Annals of Clinical and Translational Neurology).
 - Mohammed Arshad, Talal Majeed, Numan Shah, Sami Hassan, Sanat Shah: [Elective list cancellations and its financial ramifications](#) (Journal of Perioperative Practice).
 - Dimitrios Kapetanios, Nikolaos Kontopodis, Dimitrios Mavridis, Richard McWilliams, Athanasios Giannoukas, George Antoniou: [Meta-analysis of the accuracy of contrast-enhanced ultrasound for the detection of endoleak after endovascular aneurysm repair](#) (Journal of Vascular Surgery).
 - Deepak Bhatnagar, Prachi Bhatnagar: [Breastfeeding and cardiovascular risk factors](#) (Current Opinion in Lipidology).
 - Babatunde Oremule, Alisha Patel, Oluwafikunayo Orekoya, Rajeev Advani, Daniela Bondin: [Quality and reliability of YouTube videos as a source of patient information on rhinoplasty](#) (JAMA Otolaryngology – Head and Neck Surgery).
 - Ali ElSawi, George Antoniou: [Atypical presentation of critical lower limb ischaemia treated with aortobifemoral biosynthetic prosthesis](#) (EJVES Short Reports).
 - Brent Allan, Diego García Morcillo, Bruno Spire, Simone Marcotullio, Moritz Krehl, Marvelous Muchenje, Andrew Ustianowski, H Wali, et al: [Positive Perspectives – Partners of people living with HIV \(PLHIV\): Findings from the Positive Perspectives survey](#) (Journal of Infection and Public Health).
 - Fraser Brims, Samal Gunatilake, Iain Lawrie, Laura Marshall, Carole Fogg, Cathy Qi, Lorraine Creech, Anoop Chauhan, et al: [Early specialist palliative care on quality of life for malignant pleural mesothelioma: A randomised controlled trial](#) (Thorax).
 - Gaity Ahmad, Jade Baker, John Finnerty, Kevin Philips, Andrew Watson: [Laparoscopic entry techniques](#) (Cochrane database of Systematic Reviews).
 - Rahul Kalla, Wadiamu Gashau, Simon Borg-Bortolo, Liam Morris, Kirsty Nixon, GasTRIN NoW Collaborative Network: [Timing of endoscopy for acute upper gastrointestinal bleeding in North West England: Results from a multicentre trainee-led Network](#) (United European Gastroenterology Journal).
 - Haidar Dafsari, Pablo Martinez-Martin, Alexandra Rizos, Maja Trost, Maria Ghilardi, Prashanth Reddy, Monty Silverdale, Julian Evans, Ray Chaudhuri, et al and on behalf of EUROPAR and the International Parkinson and Movement Disorders Society Non-Motor Parkinson's Disease Study Group: [Subthalamic stimulation, apomorphine and levodopa infusion in Parkinson's disease](#) (Movement Disorders).
 - Saam Youshani, Samuel Rowlston, Claire O'Leary, Gabriella Forte, Helen Parker, Aiyin Liao, Brian Telfer, Kaye Williams, Ian Kamaly-Asl, Brian Bigger: [Non-myeloablative busulfan chimeric mouse models are less pro-inflammatory than head-shielded irradiation for studying immune cell interactions in brain tumours](#) (Journal of Neuroinflammation).

- Ramya Bhargava, Philip Kalra, Mark Hann, Paul Brenchley, Helen Hurst, Alastair Hutchison: [A randomized controlled trial of different serum phosphate ranges in subjects on hemodialysis](#) (BMC Nephrology).
- Sally Wilson, Shital Shinde, Ian Appleby, Michael Boscoe, Daniel Conway, Carol Dryden, John Thorne, Mark White, Elizabeth Wright, et al: [Guidelines for the safe provision of anaesthesia in magnetic resonance units 2019](#) (Anaesthesia).
- Abigail Langton, Sabrina Alessi, Mark Hann, Anna Chien, Sewon Kang, Christopher Griffiths, Rachel Watson: Aging in skin of color: [Disruption to elastic fiber organization is detrimental to skin's biomechanical function](#) (Journal of Investigative Dermatology).
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- Sofia Skampardoni, Darren Green, Katerina Hnatkova, Marek Malik, Philip Kalra, Dimitrios Poulidakos: [QRS-T angle predicts cardiac risk and correlates with global longitudinal strain in prevalent hemodialysis patients](#) (Frontiers in Physiology).
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- James Lilleker, Richard Hodgson, Mark Roberts, Karl Herholz, James Howard, Rainer Hinz, Hector Chinoy: [\[18F\]Florbetapir positron emission tomography: identification of muscle amyloid in inclusion body myositis and differentiation from polymyositis](#) (Annals of the Rheumatic Diseases).

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