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Research & Innovation Bulletin

NHS
Northern Care Alliance
NHS Group

Research news from the Northern Care Alliance

19 December 2018

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.



Four honoured at GM Clinical Research Awards

Four Northern Care Alliance staff were among the winners at the prestigious 2018 Greater Manchester Clinical Research Awards.

The awards recognise excellence in health research delivery and are organised by NIHR Clinical Research Network, Greater Manchester (CRN GM). We were delighted to have 10 individuals and teams shortlisted for the awards, from a record 230 nominations. Special congratulations go to:

- **Mfon Sam**, Research Nurse at North Manchester. Mfon won the Best Community Research Contribution award for her work to raise awareness of research in black and minority ethnic communities.
- **Rachel Newport**, Research Midwife working across the Royal Oldham, Fairfield General, North Manchester General and Rochdale Infirmary. Rachel won Research

Midwife of the Year for her dedication to improving the lives of women and babies through research.

- **Deborah Hall**, Senior Research Nurse at North Manchester, who won the special NHS@70 Research Hero title for her 39 years in the NHS. In particular, she has made a major contribution to diabetes research.
- **Katie Doyle**, R&I Manager for the Northern Care Alliance, who was recognised as the Outstanding Network Ambassador in a special presentation.

News



Merry Christmas and Happy New Year

As this is our final Bulletin before the Christmas and New Year festivities, we wish you all a very happy Christmas, say thank you for all your hard work during 2018 and wish you all the best for 2019.

We can look back with great pride on this year's record-breaking achievements, with more patients than ever before taking part in studies that are helping to improve diagnosis, care and treatment in the NHS. 2019 promises to be another exciting year as our teams across all care organisations work together to make a difference.

The R&I Management and Support office will be closed from 4pm on 23 December, reopening on 2 January. If you need assistance during this time, please be aware that there will be a delay in responding to your email.



Surgeon is new President of ASGBI

Congratulations to Salford Royal Consultant Surgeon Mr Iain Anderson who has been appointed President of the Association of Surgeons of Great Britain and Ireland (ASGBI). His inauguration on 20 November followed the ASGBI Emergency Laparotomy Meeting, where there were four speakers from Salford Royal - Dominic Slade, Lyndsay Pearce, Nick Lees and Arturo Vilches-Moraga.

Mr Anderson has worked at Salford Royal since 1980 and was also awarded an MBE in 2014 for his contribution to clinical surgery and medical education. He is pictured with Professor Sir Miles Irving, founder of Salford Royal's Intestinal Failure Unit and a

Past President of the ASGBI.



New specialist surgical centre launches

A specialist surgical centre for patients with stomach and gullet cancer is set to become one of the biggest of its kind in Europe.

Oesophago-gastric (OG) surgical services across Greater Manchester will be delivered by Salford Royal, integrating services from Wythenshawe and Manchester Royal Infirmary and making it the biggest single OG surgical centre in the UK. Service leaders want it to be recognised nationally and internationally for clinical research for OG cancer.

Jonathan Vickers, Consultant Surgeon at Salford Royal and Chairman of the GM oesophago-gastric cancer pathway board, said the single surgical site will offer 'unparalleled opportunities for clinical research, working in partnership with our colleagues at The Christie.'

About 160 OG cancer operations will be carried out at Salford each year, led by a team of eight specialist surgical consultants.



12 gifts of Christmas from cancer team

The cancer research team at North Manchester General Hospital have been sharing the festive spirit with a special effort to thank all the colleagues who support their studies. They have given cards and gifts to teams in the pathology laboratory, outpatients departments, endoscopy and more - all as a gesture of appreciation for their work that makes sure research runs smoothly.

They also had a stall at North Manchester's Gallery restaurant to highlight the benefits of research with a raffle in aid of [Macmillan Cancer Support](#). It was such a success they ran out of raffle tickets after just two hours and had to send out for more! The raffle raised £384 for the charity and they would like to thank all the individuals and businesses who donated prizes and bought tickets.

Well done to our very festive fundraisers, Tracey, Lisa, Karen,

Kirstie, Jo, Michelle and Heather.



Remembering Dr Ed Dunbar

It is with great sadness that we heard of the death last week of one of the legends of the North Manchester General Hospital Infectious Diseases Unit, Dr Ed Dunbar.

Having trained in London and Oxford, Dr Dunbar joined the ID Unit in Monsall Hospital as a Senior Registrar and became a Consultant in 1980. As Clinical Director for the unit from 1992 to 1997 he oversaw the transfer of the ID Unit to North Manchester, as well as the harsh early years of HIV/AIDS.

Dr Dunbar was inspirational for many generations of junior doctors and Programme Director for ID training from 1993 to 2005. He was passionate about his charity work with HIV and children in Romania. He was also active in research with more than 40 papers published before his retirement in 2008.

His funeral took place earlier today at Blackley Crematorium. If you would like to make a donation in remembrance of him, his family have asked that they go to either:

- St Luke's Hospice Plymouth (Justgiving Ed Dunbar), www.justgiving.com/fundraising/edmdunbar
- The Aids Research Fund Pennine Acute Trust c/o Andy Ustianowski or the fundraising officer at charity@pat.nhs.uk and specify the AIDS Research Fund.



100,000 Genomes reaches goal

The 100,000 Genomes Project has reached its goal of sequencing 100,000 whole genomes from NHS patients - including many from the Northern Care Alliance.

This ground-breaking programme was launched by Genomics England in partnership with NHS England, with the goal of harnessing whole genome sequencing technology to uncover new diagnoses and improved treatments for patients with rare inherited diseases and cancer.

It has delivered life-changing results for patients, with one in four

participants with rare diseases receiving a diagnosis for the first time, and providing potential actionable findings in up to half of cancer patients where there is an opportunity to take part in a clinical trial or to receive a targeted therapy.



Research a sign of a well-led trust - CQC

The Care Quality Commission (CQC) now includes research-related questions in its inspection framework for judging whether a trust is well-led. The additional questions aim to determine how well an NHS trust integrates research into its corporate strategy and planning, and how well research opportunities are communicated to patients.

The CQC Annual Survey of Inpatient Experience also now includes a question about research opportunities offered to patients as part of their care. Data from about 70,000 patients in 150 NHS trusts in England will offer valuable insight into what proportion of patients are invited to participate in research in different NHS trusts, the first time such data has been collected.

The National Institute for Health Research is working with the Health Research Authority and the Medicines and Healthcare Products Regulatory Agency, together with UK Research and Development representatives on a range of materials to support trusts with this new element of the CQC assessment.



Do you have an idea that could improve care and services

Do you have an idea that could improve the care and services at the Northern Care Alliance?

TRUSTECH's Innovation Factor® is an online service for all staff who have ideas that could improve care and services. Accessible through the [R&I website](#), IF allows you to submit ideas to bring positive change to the NHS. These may include ideas for new medical devices, training packages, service improvements, mobile applications and more.

All submissions are evaluated by TRUSTECH, the NHS innovation experts. TRUSTECH's team is comprised of innovation and

commercialisation experts with over 200 years of combined NHS and healthcare experience, who will provide bespoke feedback and assist you with turning ideas into reality.

IF is an easy way for staff to:

- Submit ideas and innovations.
- Offer suggestions for service improvements.
- Ask questions about innovation.

IF provides you with:

- Bespoke feedback on your next steps.
- Advice on development and idea protection.
- Assistance in identifying funding.
- Opportunities to raise awareness of your ideas.



CRN patient survey

The annual NIHR Clinical Research Network Patient Research Experience Survey (PRES) closes at the end of January. Greater Manchester CRN is asking us to help collate as many survey responses as possible from research participants.

Paper copies of the survey have been circulated by R&I Nurse and Delivery Lead Vikki O'Loughlin and these should be returned to Vikki or to the R&I Engagement and Communications office at Summerfield House, Salford so that we can make a bulk return to the CRN. Research participants can also complete the survey online through this link -

<https://www.surveymonkey.co.uk/r/R8KMBPB>

We are supporting this project as a Research and Innovation department but we also intend to carry out our own survey, tailored to the Alliance's R&I strategy, next spring – further details will follow on this.



Joe helps Nigerian medical mission

Well done to Research Nurse Joe Ogor, who recently spent two weeks helping the [Clifford O Imudia Memorial Foundation](#) in Nigeria.

Joe, who is based at Fairfield General, gives healthcare assistance to people from poor backgrounds in rural Nigeria through the Foundation's annual Medical Mission. Qualified medical personnel carry out medical examinations and once diagnosis is complete, any required medications are given free of charge. The Foundation works in collaboration with local healthcare centres to ensure continuity of care.

It also gives educational scholarships to children from poor backgrounds, including those studying medicine, sciences or law at university.



Festive fundraising to help those in need

Many thanks to all staff who have contributed to the different festive fundraising efforts arranged by our research nursing teams.

Staff at both North Manchester and Salford took part in Elf Day on 7 December to support Alzheimer's Research UK. Donations from dressing up and a bake sale raised £116 at Salford.

Salford's Christmas raffle draw will take place tomorrow (Thursday) at Summerfield House, so there's still chance to buy last minute tickets from Marie Greenhalgh. Funds raised will go to help homeless people through the [Street Support Network](#).

The draw will be made at 12.30pm, followed by our annual fun Christmas quiz with questions set by Assistant Academic Network Manager Adam Lounsbach. It's a general knowledge quiz so anyone can join in and there will be a prize for the winning team.



Library update

If you are looking for an elusive article or having trouble sourcing one through your Athens access, then contact the library. We can get articles from other libraries in our NHS networks for a small charge. Just fill in [this form](#) and we will get the article to you as soon as we can.

[Top](#)

Research stars of the month



Bury & Rochdale

Research Practitioner Linda Johnson is November's research star of the month for her brilliant idea of creating a specially designed thank you card to hand to patients at the end of their research study. This is typical of Linda's thoughtful and caring approach to patients and gives the team an opportunity to reinforce our message that research is good for patients, staff and the wider NHS.



North Manchester

Jo Shaw is based in the Diabetes Centre at North Manchester and is extremely generous with her time, always willing to provide support and guidance to those who require it. Her ability to develop excellent professional relationships can be seen in the feedback she gets from sponsors, clinical research organisations and colleagues - and her patients think the world of her too. Jo is a truly outstanding colleague.



Oldham

Lead Consultant Intensivist Dr Redmond Tully, Charge Nurse Ian Angus and all the clinical care team on the Intensive Care Unit at the Royal Oldham have very successfully collaborated with the core clinical research team to recruit ahead of time and target for the 65 trial. This is evaluating the clinical and cost effectiveness of permissive hypotension for critically ill older patients with vasodilatory hypotension.



Salford

The metabolic medicine research team's hard work and dedication is crucial to maintaining the department's very high standard of patient care, study activity and data collection. They bring fresh hope to patients with rare conditions, giving them the opportunity to test new treatments and improving their quality of life. All the members of the team contribute to this culture of excellence.

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:

- [HSJ Value Awards](#) (closing date 11 January)
- [Patient Safety Awards](#) (closing date 11 January)
- [Faculty of Intensive Care Medicine and Clinical Research Network Awards](#) (closing date 11 January)
- [Advancing Healthcare Awards](#) (closing date 14 January)
- [BMJ Awards](#) (closing date 18 January)
- [Pharma Times International Clinical Researcher of the Year](#) (closing date 31 January)
- [RCNi Nurse Awards](#) (closing date 1 February)

Congratulations

- Congratulations to Research Fellow Dr Ulrike Hammerbeck who was awarded the Society for Research in Rehabilitation prize for stroke rehabilitation at the recent UK Stroke Forum. Her abstract 'The effect of high repetition reaching training early after stroke on cortical connectivity and impairment' was the highest scored rehabilitation abstract. Dr Hammerbeck conducts stroke research at Salford Royal as part of the Stroke Research Group at The University of Manchester.
- Well done to the Intestinal Failure team at Salford Royal who were awarded the Powell-Tuck prize as well as the Best Poster presented at this year's British Nutrition (BAPEN) conference. The team's research has enhanced our understanding of the impact of home parenteral nutrition on the elderly and people with palliative needs.
- Goodbye and good luck to Research Assistant Uchenna Elenwa, who works in the diabetes team at North Manchester. Uchenna is leaving us after two years to study for a nursing degree at the University of Salford. She will be much missed but we hope to see her back in the Northern Care Alliance when she has qualified!
- Congratulations to Dr Emily Pegg from Salford Royal who won the Liversedge prize for best scientific paper at the annual North of England Neurological Association meeting for her epilepsy research.
- Well done to Salford Royal's Constantinos Kritiotis, Lindsay Muir and Zafar Naqui, who with Alistair Philips have contributed a chapter on 'Practice in wide awake hand surgery - differences between UK and Cyprus' to a book, Global Advances in Wide Awake Hand Surgery, to be published by Elsevier in February.
- Congratulations to Dr Bob Young, Consultant Diabetologist at Salford Royal, who gave the 2018 Arnold Bloom lecture at the 2018 Diabetes UK Annual Professional Conference held in London. His lecture '[Getting the measure of diabetes: the evolution of the National Diabetes Audit](#)' has now been published in Practical Diabetes.
- Well done to Professor Yeng Ang, whose work on Barrett's oesophagus with colleagues at The University of Manchester and Wigan, Wrightington and Leigh NHS Foundation Trust, has been featured on the [Medical Xpress website](#).

Governance



Do you handle human samples?

Everyone involved in the handling of human samples for research purposes should be aware of the Human Tissue Act which regulates activities involving the removal, storage, use and disposal of tissue. For further information and to ensure compliance with the Act, please visit the [Research and Innovation website](#), which has links to the Human Tissue Authority website with clear and helpful guidance for staff, donors and the wider public.

[Top](#)

Engagement



New volunteers programme launched

We know that when research is carried out with patients and members of the public involved, it can improve lives and lead to better healthcare. That's why we have launched a new research volunteer programme, encouraging local people to become involved in helping to promote and raise awareness of research.

Research volunteers will be part of the Trust's volunteer system, giving them access to training, support and out-of-pocket expenses and in turn giving us the reassurance that they have had appropriate checks and training. If you know of anyone who might be interested, please direct them to the [Take part section](#) of our website for more information.

Helping patients to find suitable research

[Research for the Future](#) promotes studies for participants who have diabetes, a respiratory condition, kidney disease or heart disease.

Members of staff with these conditions can register their details with the service, which is hosted by the Northern Care Alliance. Joining Research for the Future means you are agreeing to receive information about health research going on in your area - taking part is still completely voluntary. You can [register your details and join the campaign](#) very easily online.

[Top](#)

Funding



Refining your Research for Patient Benefit application

The NIHR has recently announced the next call for [RfPB applications](#), including themed calls on the management of chronic pain and improving the outcomes of health and social care for frail people and their carers. MAHSC will be reviewing applications for the 20 March deadline.

The aim of the internal peer review is to enhance the competitiveness of applications from MAHSC members, including Salford Royal, improving quality by providing critical evaluations of applications in final draft stage.

Principal Investigators should work with the Research & Innovation Department to prepare an application. All paperwork, including a completed draft grant application form, should then be submitted electronically to [Adam Reekie](#) no later than 6 February. Anonymised feedback will be sent to the PI no later than 27 February so they can revise the proposal in light of the reviewers' comments.

Does your research link medicine with computing or AI?

The University of Manchester's Faculty of Biology, Medicine and Health is looking for expressions of interest in the £250,000 Rosetrees Trust Interdisciplinary Prize 2019, which aims to stimulate collaborative research between medicine and maths or computing or artificial intelligence.

Interested applicants should submit an expression of interest in no more than two pages of A4 to [Sarah Barton](#) in the Strategic Funding Team, to include details of the proposed research and the team behind it, by 3pm on 9 January. Sarah is also the contact person for any queries.

NIHR calls

Current NIHR opportunities include:

- [Researcher-led Public Health research](#), including complex health and care needs in older people, and brain tumours (deadline 12 March)
- [Combination treatment for dementia with Lewy bodies and Parkinson's disease dementia](#) (deadline 3 April)
- [Relapsing polymyalgia rheumatica](#) (deadline 3 April)
- [Blood pressure management in critically ill children](#) (deadline 3 April).

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

[Top](#)

Training



New 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.

HRA launches new learning system

The Health Research Authority's new [Learning Management System](#) is a hub for learning resources, eLearning modules, presentations from e learning events and is where bookings for face-to-face training will now be made.

Reimagining poster presentations

NHS R&D North West has teamed up with creative artist Jana Kennedy for a [workshop](#) on how to bring your poster to life and make it stand out from the crowd. It's a crafts-based workshop and participants need to have a poster they have already done, are working on or a summary / draft of work they have been involved in. It's on 30 January, 9.45am-4pm. Details of other NHS R&D NW events are [here](#).

[Top](#)

Events



[Delivering best practice in stroke management](#). Salford Royal's 3rd stroke study day takes place on 7 February, 9am-4.30pm. Topics include MR brain imaging for beginners, mechanical thrombectomy, dissection and stroke, and intracranial arterial disease.

[Cells in complex environments forum: the tumour environment](#). This forum organised by the cellular and developmental systems (CDS) research domain at The University of Manchester, aims to link academic cancer clinicians and basic scientists to identify new collaborative opportunities. It's on 8 January at the Core Technology Facility, Grafton Street.

[Translation Manchester](#). This new project will help to overcome the obstacles to conducting translational research by bringing together a network of support, facilities and expertise to make the pathway to translation quicker and easier. Professors Nigel Hooper and Ian Bruce will be among the speakers at the Science and Industry Museum on 12 February, noon-5.30pm.

[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.

[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 next year. Keynote speakers include Lillian Siu (Princess Margaret Hospital, Toronto) and Skip Burris (Sarah Cannon Research Institute, Nashville).

[Top](#)

Vacancies



- [Neurology Research assistant – Band 4](#), based Salford (closes 21 December)
- [Senior Research Nurses – Band 6](#), core team, based Salford, (closes 23 December)
- [Clinical Trials Administrator – Band 4](#), infectious diseases, based North Manchester

- (closes 24 December)
- [Acute Research Delivery Team Research Assistant – Band 4](#), based Salford (closes 30 December)
 - [Clinical Research Nurse – Band 6](#), based Bury (closes 1 January)
 - [Senior Research Nurse – Band 6](#), neurology, based Salford (closes 4 January)
 - [Respiratory Consultant](#), based North Manchester (closes 12 January)
 - [Care of the Elderly Consultant](#), based Bury (closes 12 January)
 - [Senior Clinical Fellow – Manchester Spinal Fellowship](#), based Salford (closes 18 January).

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

[Top](#)

Publications



- Sarah Touyz, Melanie Pratt: [Lingual pustular psoriasis and acrodermatitis continua of hallopeau successfully treated with Adalimumab: A rare care report and review of oral psoriasis](#) (European Medical Journal).
- Constantinos Kritiotis, Alistair Phillips, Lindsay Muir, Zafar Naqui: [Practice in wide-awake hand surgery](#) (Hand Clinics).
- Charles Earnshaw, Lucy Shaw, Deepu Thomas, Owen Haeney: [A retrospective study comparing the length of admission of medium secure unit patients admitted in the three decades since 1985](#) (BJPsych Bulletin).
- Syed Hussain: [The role of tomographic ultrasonography in conduit mapping before coronary artery bypass grafting](#) (Radiology Research and Practice).
- Debra Jones, Simon Lal, Matthew Gittins, Boyd Strauss, Sorrel Burden: [Practical measurement of body composition using bioelectrical impedance, air displacement plethysmography and ultrasound in stable outpatients with short bowel syndrome receiving home parenteral nutrition: Comparison of agreement between the methods](#) (Journal of Human Nutrition and Dietetics).
- German Moris, Libby Wood, Roberto Fernandez-Torron, Mark Roberts, Elizabeth Househam, Maggie Williams, Hanns Lochmuller, Teresinha Evangelista, et al: [Chronic pain has a strong impact on quality of life in facioscapulohumeral muscular dystrophy](#) (Muscle and Nerve).
- Christopher Griffiths, R Williams, Anna Halliday, Joyce Leman: [Measuring the societal impact of psoriasis in the United Kingdom through a non-interventional study of patients](#) (Journal Of The European Academy Of Dermatology And Venereology).
- Domenico Restivo, Shaheen Hamdy: [Pharyngeal electrical stimulation device for the treatment of neurogenic dysphagia: Technology update](#) (Medical Devices-Evidence And Research).
- Mitchell Foster, Amit Herwadkar, Hiren Patel: [Posterior inferior cerebellar artery/vertebral artery subarachnoid hemorrhage: A comparison of saccular vs dissecting aneurysms](#) (Neurosurgery).
- Emilia Peleva, Lesley Exton, Kate Kelley, Elise Kleyn, Kayleigh Mason, Catherine Smith: [Risk of cancer in patients with psoriasis on biological therapies: a systematic review](#)

- (British Journal Of Dermatology).
- Adam Seccombe, Adrian Kennedy, Mark Holland, Chris Subbe: [The SAMBA highlights increasing complexity of acute medical systems](#) (British Journal Of Hospital Medicine).
 - Tashmeeta Ahad, Anna Riley, Elizabeth Martindale, Beate von Bremen, Caroline Owen: [Vulvar swelling as the first presentation of Crohn's disease in children: A report of three cases](#) (Pediatric Dermatology).
 - Matthew Parker, Alexander Oldroyd, Mark Roberts, James Lilleker, Zoe Betteridge, Neil McHugh, Ariane Herrick, Robert Cooper, Hector Chinoy: [The performance of the European League Against Rheumatism/American College of Rheumatology idiopathic inflammatory myopathies classification criteria in an expert-defined 10 year incident cohort](#) (Rheumatology).
 - Tobias Feldreich, Christoph Nowak, Tove Fall, Axel Carlsson, Juan-Jesus Carrero, Jonas Ripsweden, Philip Kalra, Darren Green, Johan Arnlov, et al: [Circulating proteins as predictors of cardiovascular mortality in end-stage renal disease](#) (Journal of Nephrology).
 - Marta Gutierrez-Valencia, Nicolas Martinez-Velilla, Arturo Vilches-Moraga: [Polypharmacy in older people: Time to take action](#) (European Geriatric Medicine).
 - Matthew Evison, Kevin Blyth, Rahul Bhatnagar, John Corcoran, Tarek Saba, Tracy Duncan, Rob Hallifax, Najib Rahman, et al: [Providing safe and effective pleural medicine services in the UK: An aspirational statement from UK pleural physicians](#) (BMJ Open Respiratory Research).
 - Paul Browning, Dimitri Beeckman, Richard White, Roisin Connolly, Angela Rodgers, Judy Harker, Victoria Murray, Steve Foster, et al: [Report of the proceedings of a UK skin safety advisory group](#) (British Journal of Nursing).
 - Philip Scott, Rachel Dunscombe, David Evans, Mome Mukherjee, Jeremy Wyatt: [Learning health systems need to bridge the 'two cultures' of clinical informatics and data science](#) (Journal of Innovation in Health Informatics).
 - Heli Harvala, Eeva Broberg, Kimberley Benschop, Natasa Berginc, Shamez Ladhani, Petri Susi, Joel Paul, Michael Griffiths, Thea Fischer, et al: [Recommendations for enterovirus diagnostics and characterisation within and beyond Europe](#) (Journal of Clinical Virology).
 - Lynne Sykes, Smeeta Sinha, Janet Hegarty, Emma Flanagan, Liam Doyle, Chedia Hoolickin, Lewis Edwards, Paul Ferris, Elizabeth Lamerton, Dimitrios Poulikakos, Darren Green, Robert Nipah: [Reducing acute kidney injury incidence and progression in a large teaching hospital](#) (BMJ Open Quality).
 - Angelos Kyriacou, George Zavros: [Hyponatremia and the syndrome of inappropriate antidiuretic hormone secretion: Old topic, new perspectives](#) (Archives of Hellenic Medicine).
 - Steven Brown, Nicola Fearnhead, Omar Faiz, John Abercrombie, Jonathan Epstein, James Hill, Jimmy Limdi, Mattias Soop, Graeme Wilson, et al and on behalf of the ACPGBI IBD Surgery Consensus Collaboration: [The Association of Coloproctology of Great Britain and Ireland consensus guidelines in surgery for inflammatory bowel disease](#) (Colorectal Disease).
 - Lucas Trucco, Piyushkumar Mundra, Kate Hogan, Pablo Garcia-Martinez, Amaya Viros, Amit Mandal, Nicolas Macagno, Caroline Gaudy-Marqueste, Donald Allan, Franziska Baenke, Martin Cook, Clare McManus, Berta Sanchez-Laorden, Nathalie Dhomen, Richard Marais: [Ultraviolet radiation-induced DNA damage is prognostic for outcome in melanoma](#) (Nature Medicine).

- Terence Wong, Colin Morton, Nicholas Collier, Ann Haylett, Sally Ibbotson, Lesley Rhodes, Katherine Ward, Firouz Mohd Mustapa, Lesley Exton, et al: [British Association of Dermatologists and British Photodermatology Group guidelines for topical photodynamic therapy 2018](#) (British Journal of Dermatology).
- Mike Stedman, Mark Lunt, Mark Livingston, Anthony Fryer, Gabriela Moreno, Simon Anderson, Roger Gadsby, Adrian Heald: [Demographic factor clustering at a GP practice level in England and its relation to glycaemic outcomes: What can we learn from this?](#) (International Journal of Clinical Practice).
- Gaurav Nigam, Jimmy Limdi, Dipesh Vasant: [Current perspectives on the diagnosis and management of functional anorectal disorders in patients with inflammatory bowel disease](#) (Therapeutic Advances in Gastroenterology).
- Stavros Antoniou, Mark Koelemay, George Antoniou, Dimitrios Mavridis: [A practical guide for application of network meta-analysis in evidence synthesis](#) (European Journal of Vascular and Endovascular Surgery).
- Gareth Evans, Andrew King, Naomi Bowers, Simon Tobi, Andrew Wallace, Mary Perry, Raji Anup, Simon Lloyd, Scott Rutherford, Charlotte Hammerbeck-Ward, Omar Pathmanaban, Emma Stapleton, Simon Freeman, Mark Kellett, Dorothy Halliday, Roger Laitt, Owen Thomas, Elaine Harkness, Miriam Smith, et al and The English Specialist NF2 Research Group: [Identifying the deficiencies of current diagnostic criteria for neurofibromatosis 2 using databases of 2,777 individuals with molecular testing](#) (Genetics in Medicine).
- Alexander Oldroyd, Jamie Sergeant, Paul New, Neil McHugh, Zoe Betteridge, Janine Lamb, William Ollier, Robert Cooper, Hector Chinoy, UKMyoNet: [The temporal relationship between cancer and adult onset anti-transcriptional intermediary factor 1 antibody-positive dermatomyositis](#) (Rheumatology).
- Adrian Heald, T Palit, Mark Livingston, Christopher Duff, Anthony Fryer: [Screening for thyroid disease in patients with type 2 diabetes mellitus: An evaluation of current practice](#) (International Journal of Clinical Practice).
- John Pauling, Robyn Domsic, Lesley Saketkoo, Celia Almeida, Jane Withey, Hilary Jay, Ariane Herrick, Sarah Hewlett, et al: [Multinational qualitative research study exploring the patient experience of Raynaud's phenomenon in systemic sclerosis](#) (Arthritis Care and Research).

Journal articles are available through the [Library Service](#), details and links to e-journals are available through the [online library catalogue](#).

[Top](#)

How to submit an article

The Research and Innovation bulletin is published on the third Wednesday of each month.

Please submit articles to [Claire Mooney](#) by noon on the preceding Monday.

An archive of previous editions is available online at www.NCAresearch.org.uk

Research and Innovation is part of the [Northern Care Alliance NHS Group](#), comprising [Salford Royal NHS Foundation Trust](#) and [The Pennine Acute Hospitals NHS Trust](#).



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