

[View this email in your browser](#)

Research & Innovation Bulletin

NHS
Northern Care Alliance
NHS Group

Research news from the Northern Care Alliance

21 November 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.



Trio of successes at Staff Awards

We are absolutely thrilled that two of our Principal Clinical Research Leads, Dr Andy Ustianowski (North Manchester) and Dr Jason Raw (Bury and Rochdale) were chosen by colleagues as the Northern Care Alliance doctors of the year for their respective care organisations. Andy specialises in infectious diseases, especially hepatitis and HIV, while Jason is a Consultant Geriatrician with a special interest in Parkinson's disease. Both are fantastic and compassionate doctors who work so hard for their patients. Andy is also a key part of the hepatitis team, winners of the Improving Lives Award for North Manchester.

There was also a very special Northern Care Alliance NHS Group award for Research Nurse Mfon Sam, Research Worker of the Year. Mfon is based at North Manchester General Hospital and is doing brilliant work raising awareness of research among black and minority ethnic communities. Read more [here](#).



Recruitment target smashed

Well done to all research staff across the Northern Care Alliance who have helped the Clinical Research Network Greater Manchester reach its target number of patients recruited a full FOUR months early. The network's 2018/19 target, set nationally, was 46,000 by the end of March 2019 - on Monday the region had recruited 47,103 participants across 784 studies.

More than 18,000 of the patients recruited have taken part in the PAT-POPS study at the Royal Oldham, Fairfield General and Rochdale Infirmary. They are part of a cohort of more than 22,000 patients participating in research at Pennine Acute so far in 2018-19, which is also ahead of its own annual target of 19,594.

Debbie Vinsun, CRN GM Chief Operating Officer, said: "I am incredibly proud of everyone connected to CRN GM for ensuring that this important milestone has been reached so very early. A special mention has to go those involved with the [PAT-POPS study](#) at Pennine Acute Hospitals NHS Trust, part of the Northern Care Alliance NHS Group, for their magnificent contribution of 18,714 recruits."

Nearly 4,000 of the Greater Manchester participants have been recruited at Salford Royal, where staff are also well on the way to their own target, following on from the [record-breaking year](#) in 2017-18.



Super start on cancer study

Well done to the cancer research teams at the Royal Oldham Hospital and Rochdale Infirmary, who have made an amazing start to a study on a new test for ruling out colorectal cancer. Senior Research Nurse Lyndsay Scarratt is the Principal Investigator at Pennine for the qFIT pilot and Lyndsay, Dawn Johnstone and the team have recruited more than 50 patients in the first month of the study being open.

It is evaluating whether a simple faecal immunochemical test could be a reliable 'rule-out' test of colorectal cancer for patients with suspicious lower abdominal symptoms. The study will evaluate the process and accuracy of the test. It will also look at whether factors such as age, gender or ethnicity may alter the outcome of the qFIT test. The study is being led by UCLH NHS Foundation Trust.



UK first for stroke team

Congratulations to neurosurgery registrar Midhun Mohan and to Jane Perez and Tracy Marsden from the Acute Research Delivery Team, who have recruited the first UK patient to the SC IL-1Ra in SAH, an important Phase III trial.

It aims to test whether a drug called Kineret® can improve recovery following subarachnoid haemorrhage. This has the potential to make a profound difference to outcomes for patients following haemorrhagic stroke.

The study is led by The University of Manchester and Salford Royal is the lead NHS site of 20 that will be launching the study over the next 12 months. The work is funded by a £2.6M National Institute for Health Research Efficacy and Mechanism Evaluation programme grant. Professor Andrew King is the Chief Investigator and Mr Hiren Patel is the Principal Investigator at Salford Royal. It builds on previous work led by Professor Pippa Tyrrell over 15 years at Salford Royal and The University of Manchester.

The study team aims to recruit 800 patients across the UK.



Another success for dermatology team

Congratulations to Senior Research Nurse Jean Bastrilles and Dr Durga Viswesvaraiah who screened the first UK patient to a global psoriasis study. The trial is comparing the efficacy of risankizumab to Secukinumab for treating adults with moderate to severe plaque psoriasis who are candidates for systemic therapy.

Risankizumab is an investigational drug being developed to help treat patients with inflammatory diseases such as psoriasis. This study, sponsored by Abbvie, is taking place at 80 research sites in 10 countries around the world and around 310 patients in total will be recruited. Professor Richard Warren is the Principal Investigator at Salford Royal.

This success follows another UK first for Jean and Durga in the summer, again in a psoriasis study.



Weight loss surgery for obese women prevents womb cancer

Salford Royal's Dr Akheel Syed is among the experts involved in an important study on cancer and obesity surgery. The study of women who had gastric sleeve or bypass surgery for obesity found that precancerous tissue in their womb reverted to normal tissue when they lost weight.

Until now, the effect of losing weight on precancerous changes in the womb has been poorly studied. The research was led by The University of Manchester's Dr Emma Crosbie and has been published in the International Journal of Cancer. [Read more.](#)



Film shows how stroke project is making impact

One in 10 strokes is caused by a blood vessel rupturing within the brain (intracerebral haemorrhage or ICH) which has the worst outcomes of all stroke subtypes. Working with GM Connected Health Cities (GM CHC), we're improving patient outcomes by using technology to support clinical teams to deliver the right care to stroke patients in time critical situations. The 'ABC care bundle,' which was developed at Salford Royal by Dr Adrian Parry-Jones and the team, helps by:

- Rapidly reversing blood thinning drugs (**A**nticoagulants)
- Lowering patients' blood pressure in the emergency department (**B**lood pressure)
- Ensuring that the patients who need neurosurgery are taken there as quickly as possible (**C**are pathway.)

Find out more in this [short film](#).



Goodbye and good luck to Simon

The end of this month will see us say a very fond farewell to Senior Nurse Manager Simon Kaye, who is taking on a new challenge with Pennine Care NHS Foundation Trust.

Simon has worked in Clinical Research since 2002, and has been

a Research Nurse at The Pennine Acute Hospitals NHS Trust since 2010 where he has been instrumental in increasing the profile of research within the Trust, as well as the amount of research activity across a range of specialties including diabetes, cardiology and renal medicine.

He has taken the research department at the Royal Oldham Hospital from its humble origins in a portable building to the development of a Clinical Research Facility with a dedicated paediatric area. This has revolutionised the way research take places at Pennine, providing a more relaxed environment for participants, and allowing more complex studies to be undertaken.

More recently in the role of Senior Clinical Research Nurse Manager, he has overseen more than 80 open trials, and his guidance and leadership has been hugely helpful to colleagues at all levels.



Best of luck to our nominees at CRN awards

Tomorrow evening sees the presentation of the Greater Manchester Clinical Research Awards, organised by the NIHR CRN: GM. Those shortlisted from the Alliance are:

- Deborah Hall (Senior Diabetes Research Nurse, North Manchester) - Lifetime Achievement
- Joint Research Office - Outstanding Contribution
- Professor Andrew Rowland (Consultant in Children's Emergency Medicine, North Manchester) - Investigator of the Year
- Rachel Newport (Research Midwife, Oldham) - Midwife of the Year
- Medical Physics team (Salford Royal) - Research Team of the Year
- Mfon Sam (Research Nurse, North Manchester) - Best Community Research Contribution
- Research for the Future team - Public Engagement
- Jenny Philbin (Research Assistant, Oldham) - Research Practitioner of the Year
- Garry Trew (Physiotherapy Assistant, Salford Royal) - Research Practitioner of the Year

- Sanniah Hussain (Research Administrator, Bury & Rochdale) - Research Administrator of the Year

Follow our [Facebook](#) and [Twitter](#) feeds for updates from the ceremony.



Autumn newsletter out now

The latest edition of Research & Innovation's print magazine is out now and features research into knee osteoarthritis, chronic ulcers, oesophageal cancer and perioperative care, as well as a patient story, a round-up of recent awards for our staff and a look behind the scenes at the Royal Oldham Hospital's clinical trials pharmacy. Copies are available from the R&I team at Summerfield House, Salford Royal, or you can view it online on the [research website](#).



CRN patient survey launches

The annual NIHR Clinical Research Network Patient Research Experience Survey (PRES) has now launched and will run until 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>

The national objective is to gather feedback about patients' journeys through the research participation process. This will help to identify things that are going well, as well as to highlight areas for improvement.

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.



Have you had your flu jab?

There's still time to have your free flu jab and make sure you protect yourself, your patients, family, friends and colleagues from a condition that can have very serious effects. As an organisation, the Northern Care Alliance is very keen to achieve maximum coverage this year and the Research and Innovation department fully supports this aim. R&I Nurse and Delivery Lead Vikki O'Loughlin had her #jabdone at Fairfield General recently and thanks to the expertise of Faraet Mahmood from occupational health, says she didn't feel a thing.



Festive fundraising to help those in need

The research nursing team at Salford Royal will again be holding a Christmas hamper raffle this year and would be very grateful for any donations. Please give your donations to any member of the Core Team at Summerfield House or leave them on the table behind Marie Greenhalgh's desk. Tickets will be on sale from 26 November and the draw will take place on 20 December. Funds raised will go to help homeless people through the [Street Support Network](#).

In addition, Research Nurse Carolyn Corbett is collecting new or nearly new children's Christmas jumpers to make sure children of families who use Salford's Food Bank don't have to miss out on fun events such as Save the Children's Christmas Jumper Day on 14 December. Carolyn is also based at Summerfield House.

The Research for the Future team is collecting donations for the Northern Care Alliance's staff LGBT Network Advent calendar appeal to help Salford Food Bank. They are asking for gifts of tinned meat, fish and vegetables; soup, pasta and curry sauces; rice, pasta and instant mash; tea, coffee and long life milk and juices; cereals, biscuits, snack bars and sugar; jam, marmalade and rice pudding; baby food and nappies; basic toiletries. Please take your donations to Research for the Future's office in Summerfield House, Salford before 30 November.



Athens - the key to unlocking library resources

Have you got your NHS Athens account yet? An NHS Athens username and password will give you access to all of the library's e-resources for free. It means you can access key resources like UpToDate or browse the collection of e-books and e-journals at work or from the comfort of your own home.

If you need help accessing our libraries' resources, you can book a library training session. Simply click [here](#) and fill out the online form to register for an NHS Athens account. If you need assistance email the library at oldham.library@pat.nhs.uk or call 0161 627 8463.

[Top](#)

Research stars of the month



Bury & Rochdale

The Antenatal Clinic staff at Rochdale Infirmary have been extremely accommodating and incredibly helpful in assisting research staff to recruit participants. They have helped identify potential patients and have gone out of their way during busy clinics to ensure we are able to see them. They are very engaging and research orientated.



North Manchester

Anmarie Winstanley is a Healthcare Assistant in the colorectal out patients clinic and is the key to a very successful start to a new study into bowel cancer. All the team have praised her and said how helpful she has been in clinics that are really busy and where rooms are not readily available. She has made the team feel very welcome and supported the importance of research.



Oldham

Since starting in research in May, Mariya Barakova has quickly become invaluable to the research team by both developing and updating new and existing systems. She provides highly efficient administrative and IT support to all the nurses, is an excellent communicator and a very efficient central point of contact for all studies. She is also developing skills to assist with screening patients, particularly for the Clear study.



Salford

The medical physics team at Salford Royal support numerous studies across a wide range of NIHR specialties and are always prompt in reviewing new studies, providing costs and undertaking the acceptance testing for the devices which are to be used. Their promptness has resulted in some global/ UK first participants being recruited into NIHR high quality studies and is recognised and appreciated by our commercial partners.

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:

- [Student Nursing Times Awards](#) (closing date 14 December)
- [HSJ Value Awards](#) (closing date 11 January)
- [Advancing Healthcare Awards](#) (closing date 14 January)
- [Pharma Times International Clinical Researcher of the Year](#) (closing date 31 January)

Congratulations

- Congratulations to Dr Mueez Waqar , NIHR Academic Clinical Fellow in neurosurgery at Salford Royal. Along with Jonathan Ellenbogen and Conor Malluci, he has contributed a chapter on third ventriculostomy in shunt malfunction to [Pediatric](#)

- [Hydrocephalus](#), a living reference book published by Springer.
- Congratulations also to Surgeon Mr Lindsay Muir and Professor Ariane Herrick, both from Salford Royal, whose chapter on Surgical approaches including sympathectomy features in Springer's [Atlas of Ulcers in Systemic Sclerosis](#). Professor Herrick is also the co-author (with Michael Hughes and Marina Anderson) of a chapter on Raynaud's phenomenon and ulcers in the same book.

[Top](#)

Governance



Excess treatment costs

The Health Research Authority is working with NHS England and NIHR CRN to address long-standing frustrations about the processes for agreeing excess treatment costs (ETCs) for non-commercial studies.

The trial period for the new arrangements started on 1 October and will roll out through to April 2019. This new [animated video](#) produced by NIHR explains more.

[Top](#)

Engagement



Saying thanks for the gift of research

As the Christmas presents pile up around our trees, we will be holding an event to say thank you to our patients and volunteers for all that they've given us to make our research happen.

Research Nurses and Research Practitioners will be working with the R&I Engagement and Communications team at a gift-themed stall in Hope Building, Salford Royal on Monday 10 December and in the main corridor at the Royal Oldham Hospital on Tuesday 11 December, both 11am-1pm. We'll be thanking people for taking part in research and explaining a little about how their contributions help to improve diagnosis, care and treatments in the NHS.

Do you have type 1 or 2 diabetes?

Do you live with type 1 or type 2 diabetes or know someone who does? You can register to be informed about research going on locally that might be relevant to you. Research for the Future is an NHS programme, hosted by the Northern Care Alliance, linking researchers and potential volunteers. You can say what sorts of studies you might be interested in and be sent information in the way you choose, but taking part is still completely voluntary.

Find out more on Research for the Future's [website](#), [Facebook page](#) or [Twitter feed](#).



Nurse and midwife leadership programme

The 70@70: The NIHR Senior Nurse and Midwife Research Leader Programme is aimed at Senior Nurse/Midwife clinical leaders with experience of building a research-led care environment for patients, and who have a record of developing existing practice, working within and contributing to a research-rich environment. The three-year programme will support protected time for nurses and midwives to develop the research capacity and capability of the workforce. Applications close on 30 November – [more here](#).

Prize stimulates collaboration

The [Rosetrees Trust Interdisciplinary Prize 2019](#) is now open and aims to stimulate collaborative research between medicine and mathematics or computing and/or artificial intelligence. The award is worth up to £250,000 over three years, and can be used to support any aspect of the proposed research. Each institution can only submit one application – Sarah Barton is collating expressions of interest for The University of Manchester. Anyone interested should submit no more than two pages of A4 outlining their proposal to [Sarah](#) by 3pm on Wednesday 9 January.

NIHR calls

The National Institute for Health Research is inviting applications for its [Invention for Innovation](#) (i4i) research programme. It is looking for translational research projects aimed at cultivating new techniques or technologies for innovative interventions which address existing or emerging healthcare needs. Projects could involve medical devices, active implantable devices and in vitro diagnostic devices. i4i also supports projects which utilise and develop techniques or technologies from other industry sectors that could have a potential impact if applied in a healthcare setting. Applications close on 12 December.

Other current opportunities include:

- [Digital technologies to improve health and care](#) (deadline 19 March)
- Precision medicine – opportunities under the [HTA](#), [EME](#) and [HS&DR](#) programmes (all deadlines 19 March)
- End of life care – opportunities under the [HTA](#), [EME](#), [HS&DR](#) and [PHR](#) programmes (all deadlines 19 March).

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

Training



Resolving set-up challenges

A Rapid Translational Incubator event aims to help you to resolve challenges with setting up trials and studies. It is organised by the Manchester NIHR Biomedical Research Centre (BRC) to provide staff and students with the opportunity to update their knowledge and skills on P4 Medicine (Predictive, Preventive, Personalised and Participatory). It's on Tuesday 11 December, 1-5pm, at the Dalton Room, Core Technology Facility, Grafton Street, Manchester. [Register here.](#)

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.

Events



[Project evaluation masterclass](#). This workshop aims to equip participants with the knowledge to design and deliver a pragmatic evaluation of a project and takes you from designing and delivering an evaluation from the start of a project. It's on 30 November at The University of Manchester.

[Health and Care Data Conference: Improving lives through research](#). The NIHR, NHS Digital and Health Data Research UK are hosting this event to explore themes that will support research in health and care data and consider new developments in infrastructure and policy. It's on 3 December in Leeds.

[Evaluation SOS](#). If you are in the middle or nearing the end of your project and need to set up an evaluation, this one-day workshop organised by Connected Health Cities will support you through the nuts and bolts of an evaluation. With an opportunity to work on your own project or parallel examples, it will help you prepare a high-quality evaluation. It's on 7 December at The University of Manchester.

[NIHR Academy Roadshow](#). The University of Manchester's Faculty of Biology, Medicine and Health Fellowship Academy is hosting an information event on behalf of the NIHR Trainees Coordinating Centre, to help communicate changes to NIHR Training Programmes and the establishment of the NIHR Academy, and to support potential North West applicants to NIHR Fellowship schemes. It's on 10 December, 2.15-5pm, at the Core Technology Facility,

Manchester.

[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.

[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



- [Senior research nurse - dermatopharmacology](#) (closes 22 November)
- [Clinical research fellow – neurology](#) (closes 23 November)
- [Senior clinical fellow – vascular surgery](#) (closes 29 November)
- [Locum consultant physician with interest in geriatric medicine](#) (closes 12 December)

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

[Top](#)

Publications



- Nathan Appleton, Simon Lal, Gordon Carlson, Simon Shaw, Philip Stevens, Ioannis Peristerakis, Mattias Soop: [Cholelithiasis and related morbidity in chronic intestinal failure: A longitudinal cohort study from a national specialised centre](#) (Journal of Gastrointestinal Surgery).
- Gareth Evans, Andrew Wallace, Claire Hartley, Simon Freeman, Simon Lloyd, Owen Thomas, Patrick Axon, Charlotte Hammerbeck-Ward, Omar Pathmanaban, Scott Rutherford, Mark Kellett, Roger Laitt, Andrew King, Jemma Bischetsrieder, Jaishri Blakeley, Miriam Smith: [Familial unilateral vestibular schwannoma is rarely caused by inherited variants in the NF2 gene](#) (Laryngoscope).
- Colin Lindsay, Emily Shaw, Fiona Blackhall, Kevin Blyth, Ashman Chaturvedi, Noel Clarke, Peter Johnson, et al: Somatic cancer genetics in the UK: [Real-world data from phase 1 of the Cancer Research UK Stratified Medicine Programme](#) (ESMO Open Cancer Horizons).
- Adrian Heald, Mark Lunt, Martin Rutter, Simon Anderson, Gabriela Cortes, Michael Edmonds, Edward Jude, Andrew Boulton, George Dunn: [Developing a foot ulcer risk model: What is needed to do this in a real-world primary care setting](#) (Diabetic Medicine).
- Bilal Alkhaffaf, Jane Blazeby, Paula Williamson, Iain Bruce, Anne-Marie Glenny: [Reporting of outcomes in gastric cancer surgery trials: A systematic review](#) (BMJ Open).

- Mueez Waqar, Susan Huson, Gareth Evans, John Ealing, Konstantina Karabatsou, Joshi George, Calvin Soh: [C2 neurofibromas in neurofibromatosis type 1: Genetic and imaging characteristics](#) (Journal of Neurosurgery).
- Liezel Griffin, Ann Haylett, Lesley Rhodes: [Evaluating patient responses to Omalizumab in solar urticaria](#) (Photodermatology, Photoimmunology & Photomedicine).
- Wei Shen Tan, Rachael Sarpong, Prमित Khetrapal, Simon Rodney, Hugh Mostafod, Joanne Cresswell, John Kelly, et al and on behalf of the DETECT I Trial collaborators: [Can renal and bladder ultrasound replace computerized tomography urogram in patients investigated for microscopic hematuria?](#) (Journal of Urology).
- Val Edwards-Jones, Leanne Atkin, Karl Guttormsen, Louise Morris: [Biofilm-based wound care: How to cleanse, debride and manage chronic wounds](#) (Wounds UK).
- Shahin Hajibandeh, Shahab Hajibandeh, Stavros Antoniou, Francesco Torella, George Antoniou: [Meta-analysis and trial sequential analysis of local vs general anaesthesia for carotid endarterectomy](#) (Anaesthesia).
- Maciej Juszcak, Bilal Taib, Jason Rai, Luigi Iazzolino, Nadine Carroll, George Antoniou, Simon Neequaye, Francesco Torella: [Total psoas area predicts medium-term mortality after lower limb revascularization](#) (Journal of Vascular Surgery).
- William Allingham, Vinodh Devakumar, Amit Herwadkar, Martin Punter: [Hypoglossal nerve palsy due to internal carotid artery dissection](#) (Neurohospitalist).
- Haroon Saeed, Rosanna Wright, Samit Ghosh: [Trends in the prescribing of topical nasal agents using an NHS England data base](#) (Clinical Otolaryngology).
- Shahab Hajibandeh, Shahin Hajibandeh, Andrew Kennedy-Dalby, Sheik Rehman, Reza Zadeh: [Purse-string skin closure versus linear skin closure techniques in stoma closure: A comprehensive meta-analysis with trial sequential analysis of randomised trials](#) (International Journal of Colorectal Disease).
- Michael Edmonds, Harvey Bodansky, Andrew Boulton, Paul J Chadwick, Cuong Dang, Ryan D'Costa, Atholl Johnson, Marissa Carter, et al: [Multicenter, randomized controlled, observer-blinded study of a nitric oxide generating treatment in foot ulcers of patients with diabetes – ProNOx1 study](#) (Wound Repair and Regeneration).
- Abeeke Hammond, Vivak Hansrani, Chris Lowe, Imran Asghar, Stavros Antoniou, George Antoniou: [Meta-analysis and meta-regression analysis of iliac limb occlusion after endovascular aneurysm repair](#) (Journal of Vascular Surgery).
- Matthew Cartwright-Terry, Daniel Cohen, Fotis Polydoros, John Davidson, Alasdair Santini: [Manipulation under anaesthetic following total knee arthroplasty: Predicting stiffness and outcome](#) (Journal of Orthopaedic Surgery).
- James Kennedy, Andrew Berg, Luke Welsh, Jaysheel Mehta: [Single incision lateral release for hallux valgus using a cervical biopsy blade: A cadaveric study](#) (The Foot).
- Andreas Sturm, Christian Maaser, Emma Calabrese, Vito Annese, Gionata Fiorino, Torsten Kucharzik, Jimmy Limdi, Jaap Stoker, et al and on behalf of the European Crohn's and Colitis Organisation and the European Society of Gastrointestinal and Abdominal Radiology: [ECCO-ESGAR guideline for diagnostic assessment in IBD part 2: IBD scores and general principles and technical aspects](#) (Journal of Crohn's and Colitis).
- 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).
- Bobby Sachdev, Michael Jenkinson, Hiren Patel, Benjamin Davies: [Current preoperative](#)

- [antiseptics in neurosurgery: An example of the challenges in implementing evidence-based medicine to surgical practice](#) (RCS Annals).
- Daniel Horner, Ronan O’Driscoll: [Oxygen therapy for medical patients](#) (British Medical Journal).
 - Iain Macdougall, Claire White, Stefan Anker, Sunil Bhandari, Kenneth Farrington, Philip Kalra, John McMurray, Heather Murray, Charles Tomson, David Wheeler, Christopher Winearls, Ian Ford, for the PIVOTAL Investigators: [Intravenous iron in patients undergoing maintenance hemodialysis](#) (New England Journal of Medicine).
 - Nagaraj Malipatil, Mark Lunt, Ram Narayanan, Kirk Siddals, Gabriela Moreno, Martin Gibson, Harvest Gu, Adrian Heald, Rachelle Donn: [Assessment of global long interspersed nucleotide element-1 \(LINE-1\) NDNA methylation in a longitudinal cohort of type 2 diabetes mellitus \(T2DM\) individuals](#) (International Journal of Clinical Practice).
 - Christopher Parker, Nicholas James, Christopher Brawley, Noel Clarke, Alex Hoyle, Adnan Ali, Anna Tran, Matthew Sydes, et al and on behalf of the STAMPEDE Investigators: [Radiotherapy to the primary tumour for newly diagnosed metastatic prostate cancer \(STAMPEDE\): A randomised controlled phase 3 trial](#) (Lancet).
 - Daniel Lewis, Federico Roncaroli, Erjon Agushi, Dominic Mosses, Ricky Williams, Ka-loh Xi, Xiaoping Zhu, Rainer Hinz, Ross Atkinson, Andrea Wadeson, Sharon Hulme, Helen Mayers, Emma Stapleton, Simon Lloyd, Simon Freeman, Scott Rutherford, Charlotte Hammerbeck-Ward, Gareth Evans, Omar Pathmanaban, Alan Jackson, Andrew King, David Coope: [Inflammation and vascular permeability correlate with growth in sporadic vestibular schwannoma](#) (Neuro-Oncology).
 - Rajkumar Chinnadurai, Constantina Chrysochou, Philip Kalra: [Increased risk for cardiovascular events in patients with diabetic kidney disease and non-alcoholic fatty liver disease](#) (Nephron).
 - Guy Thwaites, Matthew Scarborough, Alexander Szubert, Pedro Goncalves, Marta Soares, Paul R Chadwick, Sarah Walker, et al: [Adjunctive rifampicin to reduce early mortality from staphylococcus aureus bacteraemia: The ARREST RCT](#) (Health Technology Assessment).
 - Samantha Haycocks, Paul Chadwick, Phil Davies: [Mepilex® Border Comfort in the treatment of diabetic foot ulcers with exudate](#) (Diabetic Foot Journal).
 - Bevin Bhojrul, Mustafa Hilmy, Calum Lyon: [Crohn’s disease of the penis and scrotum: A prospective study](#) (European Journal of Gastroenterology and Hepatology).
 - Tashmeeta Ahad, Lesley Rhodes: [Haemorrhagic vesicles and varioliform scarring: Consider photosensitivity](#) (Archives of Disease in Childhood).
 - Phil Crosbie, Haval Balata, Matthew Evison, Melanie Atack, Val Bayliss-Brideaux, Denis Colligan, Rebecca Duerden, Josephine Eaglesfield, Timothy Edwards, Peter Elton, Julie Foster, Melanie Greaves, Graham Hayler, Coral Higgins, John Howells, Klaus Irion, Devinda Karunaratne, Jodie Kelly, Zoe King, Judith Lyons, Sarah Manson, Stuart Mellor, Donna Miller, Amanda Myerscough, Tom Newton, Michelle O’Leary, Rachel Pearson, Julie Pickford, Richard Sawyer, Nick Screatton, Anna Sharman, Maggi Simmons, Elaine Smith, Ben Taylor, Sarah Taylor, Anna Walsham, Angela Watts, James Whittaker, Laura Yarnell, Anthony Threlfall, Phil Barber, Janet Tonge, Richard Booton: [Second round results from the Manchester Lung Health Check community-based targeted lung cancer screening pilot](#) (Thorax).
 - Ulf Gustafsson, Michael Scott, Martin Hubner, Jonas Nygren, Nicolas Demartines,

- Mattias Soop, Olle Ljungqvist, et al: [Guidelines for perioperative care in elective colorectal surgery: Enhanced Recovery After Surgery \(ERAS\) Society recommendations: 2018](#) (World Journal of Surgery).
- James Britton, Shaheen Hamdy, John McLaughlin, Maria Horne, Yeng Ang: Barrett's oesophagus: [A qualitative study of patient burden, care delivery experience and follow-up needs](#) (Health Expectations).
 - Zenas Yiu, Christina Sorbe, Mark Lunt, Stephan Rustenbach, Laura Kuhl, Matthias Augustin, Kayleigh Mason, Darren Ashcroft, Christopher Griffiths, Richard Warren, BADBIR Study Group: [Development and validation of a multivariable risk prediction model for serious infection in patients with psoriasis receiving systemic therapy](#) (British Journal of Dermatology).

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](#).



Copyright © 2018 **[LIST:COMPANY]**, All rights reserved.

[LIST:DESCRIPTION]

Our mailing address is:

[LIST_ADDRESS_HTML]

Want to change how you receive these emails?

You can [update your preferences](#) or [unsubscribe from this list](#).

