



Education and research bulletin, January 2021

Meet our new Director of Medical Education



Ruth Smith is a Consultant Obstetrician and Gynaecologist with a long standing commitment to Medical Education. Ruth is passionate about the delivery of high quality clinical training, thus ensuring patient care is exemplary.

She graduated from Newcastle, and trained in the North West. She was College tutor for her specialty from 2014. During this time the department were highly commended for training in several spheres, and consistently GMC green outliers. She has also led annual regional training days, with universally positive feedback. Prior to taking over as Director of Medical Education she was Training Programme Director for ST 3- 5 within the North West. She will ensure medical training at East Lancashire Hospitals NHS Trust enables clinicians to be the best they can be.

Oasis space at RBTH Library

The Blackburn site library has created an Oasis space for staff to get away from the working environment and come and relax, enjoy a hot drink, eat their lunch or borrow books from our Health & Wellbeing collection.

[Read more.](#)



LOCI first recruit



Principal Investigator Mrs Shankaralingaiah Nethra and Research Midwife Frances Pickering

Principal Investigator, Mrs Shankaralingaiah Nethra and the Women and Children's Health Research Team at East Lancashire Hospitals NHS Trust (ELHT) entered the first patients into the LOCI trial which is evaluating treatments for women with polycystic ovary syndrome (PCOS). Read the [full story](#)

ELHT clinician featured in Cochrane interview

Dr Iain Crossingham, ELHT Consultant Intensivist and Respiratory Physician, and one of the lead authors of a [systematic review on anti-IL5 therapies for COPD](#), has featured in an [interview on the Cochrane website](#). Dr Crossingham is a member of the editorial board for the Cochrane Airways Group. The Airways Group publishes systematic reviews on asthma, chronic obstructive pulmonary disease (COPD), bronchiectasis and other lung diseases. In the interview, Dr Crossingham discusses the need to identify disease traits, rather than an overarching diagnosis, in order to personalise treatment.

ELHT radiographers lead new ways of working

ELHT has become the first breast screening unit in the UK to fully implement radiographer-led results clinics for both benign and malignant biopsy results. Following research carried out in the unit and published in the [British Journal of Radiology](#), it is hoped that other breast screening units might adopt this approach, to improve workflow and efficiency within the service, whilst providing the best patient care.

Continued overleaf...

Education

Learning Centre, RBTH
Training & Development Centre, BGTH

Email: deriwebsite@elht.nhs.uk
Web: deri.elht.nhs.uk
Twitter: @ELHT DERI

Research, Development and Innovation

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Blackburn, BB2 3HH.

Tel: 01254 733008
Email: research@elht.nhs.uk
Web: www.elht.nhs.uk/research
Twitter: @ELHTresearch

Quality Impact Survey for Understanding & Managing Challenging Behaviour Training

An invitation was sent to all who attended the Understanding & Managing Challenging Behaviour course in 2019, including substantive staff, bank staff and students to complete a quality impact survey. We asked these particular participants as we wanted to understand if staff had embedded their learning in to their working practice.

[Read More.](#)



Class of 2020 Yearbook



Did you graduate in 2020?

If so, would you like to contribute to our [yearbook](#)?

The yearbook was launched to recognise and celebrate the achievements of the class of 2020. We would like your stories and reflections in a year where you will be part of history, a success story that has come out of this year of pandemic.

If you would like to contribute to the yearbook, please fill in this [form](#) and return to deriwebsite@elht.nhs.uk

Advance Care Planning E-Learning

With the support of our digital learning team we have recently launched a new e-learning package, as an introduction to Advance Care Planning and the communication skills surrounding this.

This short session highlights some of the key elements of ACP and provides you with information to support the ACP process.

Advance Care Planning is a valuable process for all involved, allowing people to share their needs and wishes with family and their care providers.

It is available to all staff as an introduction to this topic and supports the upcoming ACP and communication skills training sessions.

The course can be accessed via the Learning Hub – search for 'Advance care planning E-Learning'

DERI website

View our website here deri.elht.nhs.uk

Please send any page updates, latest news and information for courses and events to deriwebsite@elht.nhs.uk

Consultant Radiographer, Joleen Kirsty Eden commented:

“As radiographers, we have been able to continue to expand upon our role due to the support of our Consultant Radiographer Rita Borgen and our Breast Radiologists; Dr Richard Dobrahsian and Dr Rabea Haq. The Consultants and Breast Care Nurses collaboratively have enabled successful implementation. This practice has shown its real value and worth, especially in recent months, throughout the pandemic, where radiographers have been integral to the continuation of the service. I would like to take this opportunity to thank each one of our inspiring advanced practitioners who have taken part in this research. They have demonstrated that Radiographers are able to push the boundaries within their scope of practice, with benefits to the breast screening service and the wider radiography profession.”

Hydrodilatation Expert Delphi Survey achieves important milestone

Sponsored by East Lancashire Hospitals NHS Trust and funded by a grant from the British Elbow and Shoulder Society, the Hydrodilatation Expert Delphi Survey has received 106 responses from healthcare professionals at 50 UK sites. These will inform experts aiming to reach a consensus about the delivery of the hydrodilatation procedure for frozen shoulder and the design of an intervention to be tested in a randomised controlled trial. The research is led by Helen Thompson, Professor Amar Rangan, Mr Saif Hadi, Dr Shah Khan and a multi-disciplinary team.

Video celebrates ELHT research

Researchers at ELHT contributed to a video celebrating some of the achievements in research during the past year. The video was filmed to support the “Greater Manchester Research Celebration Week” which was held to replace the annual Greater Manchester Clinical Research Awards which could not go ahead in 2020 due to COVID-19. David Pickthall, Communications Officer at CRN GM, said:

‘The team at CRN GM really liked the video; so many people from different roles were involved. Thank you again for making that a possibility.’

First patients enter research studies at ELHT

A series of research studies being conducted at ELHT have opened and entered their first patients. Congratulations and thank you to the Principal Investigators, members of the Research Delivery Team and the clinical teams who are supporting the research:

- PI Ms Fiona Clarke and Senior Research Midwife, Bev Hammond: The [CERM study](#) (Chronic Endometritis and Recurrent Miscarriage), sponsored by the University of Warwick.
- PI Dr Badea and Assistant Clinical Research Practitioner, Janet Ryan Smith: The [CLOCS study](#) (Cancer Loyalty Card Study), sponsored by Imperial College London.
- PI Dr Parikh and the Cancer Research Team: The PREVALENCE study, sponsored by Janssen
- PI Catherine Curley: The [PRISM study](#) (Purines for rapid identification of stroke mimics), sponsored by Northumbria Healthcare NHS Foundation Trust
- PI Mr Willett and Senior Research Midwife, Bev Hammond: The [PROTECTOR study](#), sponsored by Queen Mary, University of London

For details of all the current research studies, visit the [ELHT website](#).

Ward 6 Simulation and Training Suite & Clinical Simulation Theatre Suite

Helen Punshon – Project Lead for the Development of Simulation



Helen undertook the role of Project lead for Simulation in October 2020. She is passionate about clinical education, especially the use of simulation and believes that it underpins high quality patient care.
[Read More](#)

What is Simulation? – Helen explains [here](#)

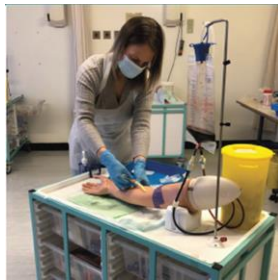
Simulation Faculty Development Training

This resource is available on the Learning Hub to assist with Simulation Faculty Development and Education. The complete program ie the online modules and the 2 face to face sessions (via MS TEAMS) aim to introduce and develop the key areas and develop a common mental model on simulation.
[Access Here](#)

Clinical Skills Training

Available courses include:

- Venepuncture
- Cannulation
- ECG recording
- Male Catheterisation
- Tracheostomy Care
- I.V Therapies
- Acute Illness Management (AIM)



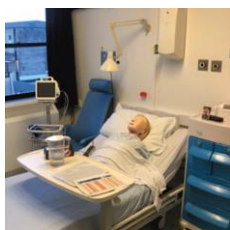
All courses are booked via the Learning Hub
For further information contact: clinicalskills@elht.nhs.uk

NMC OSCE Preparation Training

A programme of simulation-based training to assist the learner in preparation for the NMC test of competence part 2 (O.S.C.E). This includes:

- Assessment
- Care planning
- Implementation - simulation drug round
- Evaluation/ transfer of care

Clinical Skills include ANTT dressing a wound, S/C and IM injection technique, BLS, inhaler technique, Peak Flow Rate, urinalysis, uriner catheter sampling uriner catheter



Resuscitation

A wide range of courses offered in line with the U.K Resus Council includes:

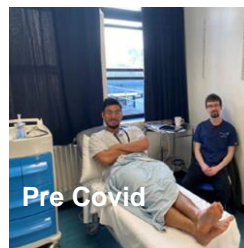
- Basic, Advanced, and Immediate life support
- Advanced trauma life support
- Advanced paediatric life support
- Neonatal advanced life support
- Paediatric immediate life support



Bespoke simulation sessions are available and for further information contact:

advancedlifesupportcourses@elht.nhs.uk

OSCEs



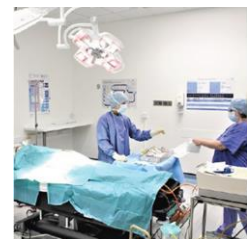
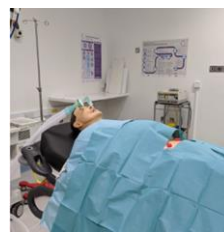
Pre Covid

The space is ideal for the delivery of Objective Structural Clinical Examinations (OSCE). The photograph shows the delivery for Lancaster Medical School. Formative and Summative examinations are held several times a year.

Examiner training is held within the trust, for more information contact DUE@elht.nhs.uk

Clinical Simulation Theatre Suite

The theatre simulation suite offers an ideal opportunity for multiple learner groups to experience immersive learning by allowing them to develop experience of specific situations. Whether these are in-training learner groups or already experienced staff members the opportunities are vast. Operating theatres are known to present a unique working environment, but by utilising this facility learners can experience and develop in a supportive environment. For further information contact simulation@elht.nhs.uk



Work Based Learning

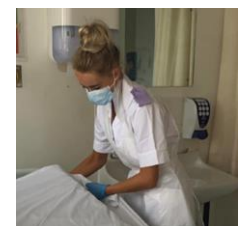
The Work Based Education Team work closely with schools, colleges and 6th Forms delivering:

- career engagement activities
- supporting work experience
- Cadet Nurses

The Work Based Education Team facilitate Pre-employment programme supporting individuals back into employment. they also

support Apprentices within the Trust. The team also lead on the Care Certificate Award and deliver the Healthcare Assistant Induction.

For further information contact: nhs Careers@elht.nhs.uk



COVID-19 research

Whole team effort supports COVID-19 research at ELHT

A dedicated COVID-19 research team, established at ELHT at the start of the COVID-19 pandemic, has supported the entry of patients into urgent public health research studies. The research includes studies such as [ISARIC_{4C}](#), the [RECOVERY](#) trial and [REMAP-CAP](#), all of which are on-going and have published findings that detail the patients most affected by the disease and the treatments that are now helping patients to recover.

Other members of the Research Delivery Team have also contributed to important COVID-19 research.

Research Nurse (RN), Farzana Masters said:

"The PRIEST study is an Urgent Public Health study. At ELHT we recruited 549 patients in just over 7 weeks which was a huge achievement. Dr Raj Garlapati was the Principal Investigator (PI) and it was led by myself and Research Nurse Yvonne Grimes. Research Support Officer (RSO), Joe Dykes was an integral part of the initial set-up and data collection and Andy Lancaster, Bev Hammond, Laura Hindle and Matt Milner all helped with initial data collection, as the study covered both A&E at Royal Blackburn Hospital and Urgent Care at Burnley General Hospital."

Farzana was also integral to the success of the [Clarity research study](#) at ELHT. Led by the Exeter IBD Research Group, the study has been investigating the impact of immunosuppressive drugs and shielding on COVID-19 infection and subsequent immunity in patients with inflammatory bowel disease (IBD). The study closed to recruitment this month and it is hoped the results will help inform public health policy decisions for patients with this condition. ELHT PI, Dr Joseph Collum, RN Farzana Masters, Data Manager (DM) Matt Milner and RSO Sam White worked exceptionally hard to establish the research at ELHT and enter 100 patients into the research before the study closed. It's an outstanding achievement in such a short space of time. All the patients involved in the research will remain in follow-up for the next 40 weeks.

Farzana thanked those involved:

"We are very grateful to all the patients who contributed to the research. I would also like to thank the staff on the Infusion Suite, particularly for their help in co-ordinating blood samples, so that no patient was missed."

A breakthrough from the [GenOMICC study](#) will help doctors understand how Covid-19 damages lungs at a molecular level. [Researchers have identified five genes](#) associated with the most severe form of COVID-19.

Cancer Research Team Lead, Rachel Bolton commented:

"The Cancer Research Team has helped to establish and support new COVID-19 research and audits alongside cancer studies. RNs, Jenny Cockerill-Taylor and Sarah Keith helped to establish the GenOMICC study at ELHT with PI Dr Matt Smith; 63 East Lancashire patients entered the research. RN Jacque Thomas, has supported PI and Consultant Vascular Surgeon, Mr Hardy and entered 67 patients into the [COVID-19 vascular service \(Cover\) study](#), and PI Dr Ana Ferreira and myself have included 71 patients so far into the [UK Coronavirus Cancer Monitoring Project](#). We will be supporting

further COVID-19 cancer studies as they become available. Throughout the pandemic we've worked hard to maintain our vital activity in cancer research and to support the patients taking part in those studies. We're extremely grateful to all the patients who so generously volunteer their time to take part in research at ELHT"

The use of a common antibiotic called Azithromycin is being investigated in the ATOMIC2 study to see whether it can control excessive inflammation in the lung, alongside its anti-viral and antibacterial effects, and prevent progression to the severe form of the COVID-19 disease where people end up needing hospital care. The ELHT team working on the study comprises A&E Consultant, Dr Garlapati, RN Jacque Thomas, Research Midwife (RM) Frances Pickering, DM Philippa Springle and RSO Joe Dykes; 53 East Lancashire patients have entered the research, which is the only study we are working on for suspected Covid-19 patients who are not poorly enough to be admitted to hospital.

In women's health, [initial findings](#) comparing pregnancy and neonatal outcomes associated with SARS-CoV-2 infection reported from 2 registries; the UK and global PANCOVID registry and the US American Academy of Pediatrics Section on Neonatal and Perinatal Medicine registry, have been published. PANCOVID records outcomes in pregnant women with suspected COVID-19 or confirmed SARS-CoV-2 infection and their neonates. The PI is Senior Research Midwife (SRM), Bev Hammond and the study continues to enrol patients at ELHT.

Bev and Research Midwife, Louise Hoole, have made a big contribution supporting PI Ms Sarah Loveridge to report data for the COVID-19 in Pregnancy study; part of the UK Obstetric Surveillance System (UKOSS), a national system which was established to study rare disorders of pregnancy. The research was reported in the [British Medical Journal](#) last year.

Bev commented:

"The data feeds weekly into NHS England, and the World Health Organisation and has been instrumental in assessing the risk factors and outcomes for pregnant women in relation to COVID-19. It is a hugely important piece of work which has supported the development of guidance on coronavirus, pregnancy and women's health by the Royal College of Obstetricians and Gynaecologists. Data for 88 East Lancashire women has been reported since April 1st 2020. We are also continuing to raise awareness about the inclusion of pregnant women with COVID-19 in the RECOVERY trial."

Clinical Research Nurse Manager, Andrew Lancaster said:

"This has been a whole-team approach and I'd like to thank all members of the Research Delivery Team who've been involved in supporting the COVID-19 research, working extremely hard through a difficult and stressful period."

"Our reward has been to contribute to the national effort to understand, manage and find effective treatments to combat the pandemic, a contribution that has been recognised at the highest levels, including central government."

Work Based Education News

KICKSTART SCHEME

The Work Based Education Team are thrilled to have secured funding to support young people with 6 month paid Kickstart work placements.

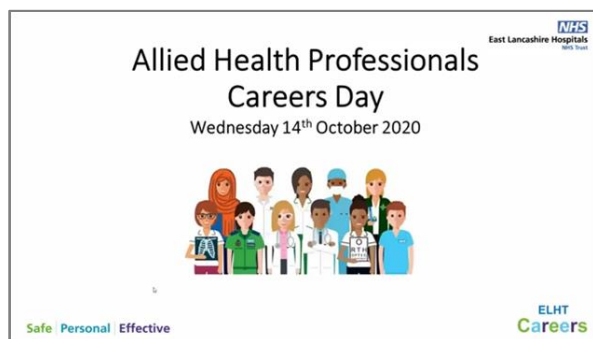
The young people who are currently unemployed will be offered the opportunity to undertake formal qualifications alongside work placements for 25 hours per week commencing in May 2021, they will undertake full recruitment checks and benefit from pastoral care from the Pre-Employment Co-Ordinator.

We are hoping to offer a variety of roles and if your department can support a young person, or if you require further information please contact suzanne.lang@elht.nhs.uk

Virtual Work Experience

Unfortunately, due to COVID-19 the Work Based Education Team were advised to postpone any work experience and work shadowing placements. Instead they are offering a [Virtual Work Experience](#).

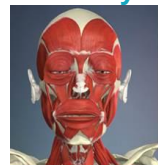
Allied Health Professionals Virtual Careers Day



To watch the recent AHP's Virtual Careers Day and other virtual events [click here](#)

E-Resources

AnatomyTV



ANATOMY.TV
POWERED BY PRIMAL PICTURES

AnatomyTV features the most comprehensive, accurate and detailed 3D models of the human body online today.

It covers anatomy for every region of the body plus specialised titles that focus on muscle function, injuries and more, providing over 6,500 3D anatomical structures, clinical slides, dissections, illustrations, animations and much more. Can be used on PC, Tablet and phone.

When accessing outside of the ELHT network you will need an ELHT OpenAthens account.

www.anatomy.tv

Network news

NIHR launches the include website

The NIHR has launched the [INCLUDE website](#) which highlights guidance and resources to help research funders, researchers and delivery teams to improve the inclusion of under-represented groups in clinical research.

Help shape the future of community nursing research

A group of NIHR 70@70 senior nurse research leaders are inviting community nurses, patients, carers and healthcare professionals to [complete a survey](#) identifying priorities for future community nursing research.

National Institute for Health Research (NIHR) funds new COVID-19 research

The NIHR has funded [nine new research projects](#) to help better manage current and future waves of the COVID-19 pandemic and investigate its long-term impact on society and the health and care system.

NIHR blog: A research midwife's experience

Read about the [experience](#) of Research Midwife Hayley Martin from King's College Hospital NHS Foundation Trust who was redeployed to join a COVID-19 research team.

Regulatory news

MHRA publishes new guidance following UK exit from the EU

When the UK left the EU on 1st January 2021, the Medicines and Healthcare Products Regulatory Agency (MHRA) became to standalone regulator for medicines, medical devices and clinical trials in the UK. In Great Britain, clinical trials must conform to the UK clinical trials regulations, whereas in Northern Ireland, the EU directive (and forthcoming regulation) on clinical trials, and the EU regulations on medical devices, will apply. There are new requirements for sponsors to follow in relation to registering clinical trials, the submission of substantial amendments and for pharmacovigilance and safety reporting. There are also changes to the arrangements for the importation and certification of investigational medicinal products. The [full list of guidance](#) is available on the MHRA website.

Publications

Julie Gregory, Clinical Educator at East Lancashire Hospitals NHS Trust, has authored an article in the journal [Nursing Older People](#). The article focuses on pain assessment in older people, particularly those living with dementia.

Louise Connell is a co-author of a paper investigating [cardiac rehabilitation](#) uptake in people with a comorbidity of stroke and a second paper looking at the [factors that influence the use of e-bikes](#) by stroke survivors.

Research conducted by Professor Teh and Kathy McElhone has been published in [Rheumatology](#). The study on disease flares in patients with systemic lupus erythematosus was a multi-centre project co-ordinated from East Lancashire Hospitals

Dr Amitava Sur, has published two articles: The first was a study of inhaled budesonide in the prevention or management of bronchopulmonary dysplasia published in the [Archives of Diseases in Childhood](#) and the second looked at histogram analysis for bedside respiratory monitoring in not-critically ill preterm neonates and was published in the European Journal of Paediatrics

View [articles published by ELHT staff](#) and the [ELHT Library Catalogue](#). For a complete, searchable, selection of summaries of NIHR research visit the [NIHR evidence website](#).

Nurse-led improvement projects in digital health



The Burdett Trust believes that through the COVID-19 pandemic nurses have emerged as true change agents in the digital space as they innovated at scale to care for patients.

In response to the pandemic nurses have fast-tracked many nascent digital health initiatives such as remote monitoring of patients and virtual clinics. However, it is clear that many nurses leading digital health initiatives would benefit from wraparound support to help them make their digital projects successful and sustainable.

This Burdett Trust grant programme will give nurses the opportunity to use the insight they have gained from working on the frontline to model new ways of working that can lead to transformational change in the way patient care is delivered. Grants awarded within this programme are likely to be in the region of £25,000 to £50,000.

[Read More](#)

Free continuing education credits (CME/CE/CPD) when you research a clinical question using UpToDate

Real-time research using UpToDate at the point of care can contribute significantly to the self-led learning component of CPD, while also delivering improved quality of care and outcomes.

Using UpToDate gives a patient-focused approach to CME. It gives doctors the opportunity to reflect on what they have learned when they access UpToDate to help make patient care decisions, and provides an efficient CPD experience.

The UpToDate logo, with the word 'UpToDate' in a green, sans-serif font and a registered trademark symbol (®) to the right.

Visit uptodate.com – you need to do this on the ELHT network.

Register and make note of your username and password. Once registered, you can install the Mobile App on up to two devices.

In addition to the mobile app you can access UpToDate from any computer with internet access.

In order to maintain uninterrupted access to UpToDate you have to reverify your affiliation with ELHT every 90 days.

Research funding

For details of these awards or events, please contact Cathie Melvin, ELHT Clinical Research Development Lead, 07977503545:

The Iolanthe Midwifery Trust awards: A number of awards to support self-development, training, research and improving local services are currently open to applicants. The deadline is 2nd February 2021. For more information and a list of all current National Institute for Health Research funding opportunities, please visit the [NIHR website](#)

Essential guide to grant applications: Online masterclass: 2-4th March 2021, 9.30am to 1.30pm; optional one-to-ones with Research Design Service advisers will be held from 2.30 pm. This event is open to UK-based healthcare professionals, social care and public health practitioners, and health and social care researchers who are intending to apply to any NIHR or other open, competitive, peer-reviewed funding programme in the **12 months following the masterclass**.

Courses and events

UCLan: Principles and Methods of Systematic Reviews

This successful course is now available as a postgraduate assessed module NU4094. Twelve half day sessions run 28th Jan to 15th April. E-mail for further information.

Virtual symposium: Complex Innovative Design (CID) Studies

4th February 2021, 9.30-12.15pm. [Find out more and register](#)

Inaugural clinical research nursing day

Celebrating the vital role of clinical research nurses and midwives.

29th April 2021, 10.00-3.15 pm. [Find out more and register](#)

What is health research?

Free, on-line course, 3 hours per week for 3 weeks - explore the world of health research, the role that volunteers play in improving health care, and the opportunities to get involved. [Further information.](#)

Resources

Publication of resources: RD Forum Non-commercial Sponsor's Symposium

Best practice resources, taken from presentations delivered at the recent RD Forum non-commercial sponsor's symposium, have been published on the [RD Forum website](#).

Critical appraisal skills

A series of [critical appraisal skills training videos](#) developed by the Cochrane Common Mental Disorders Group

Using Microsoft Teams

A suite of resources has been added to the learning hub (Learning and development journey / Information technology / Microsoft Teams) providing information on how to get the most out of using MS Teams. For further information, please contact Karl.Pugh@elht.nhs.uk.

If you have an article you'd like to include in a future edition of this bulletin, please contact:

Education stories: judith.aquino@elht.nhs.uk

Research stories: hazel.aston@elht.nhs.uk

