

Issue 1 March 2015

Welcome to the first edition of Sim News! A place to celebrate the accomplishments made through simulation training and human factors at Brighton & Sussex University Hospitals NHS Trust (BSUH) as well as raise awareness of what is happening in the local area.

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Faculty of Simulation & Human Factors at BSUH NHS Trust

Who are we?



Dr Amit Mishra

Lead



Dr Cassie Lawn

Deputy Lead



Mr Tim Chatten

Simulation Technician

Miss Toni Brookes

Administrator for KSS-CSC

The Faculty of Simulation and Human Factors is led by Dr Amit Mishra and deputy lead Dr Cassie Lawn. Amit is also the lead for the Kent Surrey and Sussex (KSS) Children's Simulation Centre in the Royal Alexandra Children's Hospital in Brighton. Cassie is the lead for simulation in the Neonatal department.

Tim Chatten is the Simulation Technician for the Trust looking after the David Read simulation suite at the Princess Royal Hospital (PRH) and providing technical support for courses and training days across the Trust. Toni works as the administrator at the KSS Children's Simulation Centre.

Where are we?

We are based across BSUH in Brighton and Haywards Heath. Amit, Cassie and Toni are based in Brighton and Tim is based in Haywards Heath but is available to support simulation activity across the trust.

What do we do?

We provide guidance to those who are interested in getting started with simulation training but don't know where to start. Currently one of the areas we are focusing on is developing in-situ simulation around the trust. On the ground we are organising training days and providing faculty support / technical support for setting up courses and running scenarios. We also work with staff that have identified a training need they feel would be met through simulation and human factors and require advice with developing proposals and bids for funding.

How do we link with other groups?

At BSUH we liaise regularly with key contacts across a range of departments from ITU to Pharmacy to Maternity and many more. There are initiatives running to increase awareness of simulation activity in the Trust (such as this newsletter). We are involved in running and supporting KSS regional training days and educational activities that we anticipate to be of benefit to all members of the multidisciplinary clinical team. We also tie in with the Simulation Hub at the University of Brighton, Helen Flanagan and her team at Brighton & Sussex Medical School (BSMS) and organisations such as the Association for Simulated Practice in Healthcare (ASPiH) who are holding a simulation conference in November at the Brighton Centre.

What is the latest news?

In-Situ Simulation

There has been a successful bid for developing in situ simulation across BSUH. Dr Cassie Lawn will be leading this work with support from Tim Chatten. Plans are developing with some initial departments identified.

SimFact

Two levels of training are available for those who want to become more involved in simulation either as facilitators of simulation courses or in leading simulation in departments. The training dates are online at brightonsimulation.org.uk/simfact/ or you can view them on page 6 of this newsletter.

How can you contact us?

Our contact details

Main email account to reach us at Simulation@bsuh.nhs.uk

You can also find Amit, Cassie, Tim and Toni on trust email or follow us on social media

Web: brightonsimulation.org.uk Facebook: [/brightonsimulation](https://www.facebook.com/brightonsimulation)

Twitter: [@brightonsim](https://twitter.com/brightonsim)

Simulation around the trust

Spotlight on Critical Care, Neonatology and Surgery

Critical Care Outreach Team

The critical care outreach team provides a valuable service to the Trust, supporting multidisciplinary teams who care for sick patients on the wards. They also safely transfer patients into ITU or HDU. The team runs three courses that make use of simulation scenarios. Currently these are held in the David Read Simulation Suite PRH.



Transfer Course

A one day course, delivered 3-4 times / year for professionals involved in the transfer of critically ill patients.

The course is multi professional and draws on faculty collaboration between BSUHT and the ambulance service. The simulations delivered encompass aspects of the full range of the patient transfer process (preparation for transfer/ in transit/ arrival and handover at destination) as well as offering a reflection on previous patient transfer experiences.

Tracheostomy course

A one day course, delivered 3-4 times / year for nurses and allied health professionals that provides training on the management of patients with tracheostomies. The course uses simulation to both train participants in skills related to this speciality and also mimics potential emergency situations so that participants can practice realistic emergency scenarios.

ACUTE Course

A one day course, delivered monthly to nurses and allied health professionals, focusing on the assessment and management of the deteriorating ward based patient. The course uses the simulation facilities in the David Read Simulation Suite to review both technical skills and human factors. A recent off shoot has been the development of an ACUTE course for senior nurses which aims to clarify their role with regard to deteriorating patients, update their clinical skills and specifically look at the role of simulation in terms of improving team management.

Neonatal Simulation

We carry out in situ simulation once a week on Friday mornings for doctors, nurses and allied health professionals on Trevor Mann Baby Unit. These might occur in our teaching room or in any of the nurseries. These simulations are very well received by the medical and nursing staff, and cover a range of delivery based emergencies or situations which may arise on the neonatal unit. Following initial reluctance of the nurses to be involved in these simulations, there is now real enthusiasm from nursing staff to be included. The multidisciplinary nature of these teaching sessions is essential to their success. We often rehearse emergencies that have happened recently or are anticipated, which has been clinically very useful.

The Department of Neonatology offers two simulation registrar study days a year for KSS trainees. We also offer two regional study days offering simulation for trained doctors and nurses from our allied hospitals in Sussex and Surrey. These have been running for several years now and are very well received. Doctors and nurses come in pairs and operate simulations within the teams that they would be working in at their own centers.

The Department of Neonatology recently offered two in situ simulation training days at a neighboring trust. These were day long sessions for doctors and nurses to take place on their neonatal units and delivery suites to use their own equipment and rehearse emergency situations. These were very well received and attended and it is likely that will continue to take place in the future, although they are very time consuming to go to another trust to undertake these activities.

Simulation Based Courses in Neonatology

The Newborn Life Support course (NLS) is offered twice a year in Brighton with support from the Neonatal Department. Doctors Bomont, Garland, Aiton, Amess, Watkins, Fernandez and Lawn direct and teach on these courses.

Dr Lawn offers the Advanced Resuscitation of Newborn Infant course (ARNI). This is a new course developed in conjunction with the RC UK and will be offered annually in Brighton. It is multidisciplinary for senior doctors and nurses in neonatology. The simulated emergencies particularly emphasise human factors training and personalised feedback.

Surgery

The Surgical Faculty at BSUH runs core surgical training days four times a year for CST 1 & 2 trainees in the KSS region. Two of these training days provide an opportunity to practice basic surgical skills using animal tissue and specially made models from Limbs and Things. The trainees also have the opportunity to get involved in simulation training. Each training day provides teaching on two or more specialities.

Raising awareness

The Sussex Simulation Hub

The Sussex Simulation Hub was formed in 2013 from members of local HEIs and NHS trusts who have an interest in Technology Enhanced Learning (TEL), and more specifically simulation based education in healthcare.

The hub operates with guidance from a multi-disciplinary steering group which meets every 3 months including representatives from Brighton and Sussex Medical School, the School of Life Sciences at Brighton University and several collaborating NHS trusts in Sussex and Surrey.

There are several workshops and modules that are available through the hub for those with an interest/role in simulation, and further information can be sought through the hub website

<http://blogs.brighton.ac.uk/simulationhub/> or by contacting a.collins@bsms.ac.uk

These are designed for practitioners from every domain of healthcare and levels of expertise.

Dr Wesley Scott-Smith

Division of Medical Education

Upcoming simulation and human factors courses at BSUH

Human Factors half day workshops

Following a successful bid to HEKSS, Rob Galloway (A&E) will provide six human factors courses, these will be lecture and workshop based ½ day courses for multi disciplines across KSS starting in the summer.

The courses will be held in the Euan Keat Medical Education Centre at the PRH. The courses will be advertised through a number of channels nearer the time along with details of how to book a place.

Dates:

2015

8/9/15

6/10/15

10/11/15

8/12/15

2016

26/1/16

23/2/16

Surgical Sim Day PRH

Friday 1st May - This is a practical day with small bowel anastomosis, carotid side to side and end to end anastomosis, open hernia and lap cholecystectomy

Friday 3rd July - ENT & Orthopaedics details of training activities to follow

Contact Tim Chatten for details at Timothy.Chatten@bsuh.nhs.uk

SimFacT

The SimFacT course has 2 versions:

1. **Advanced:** The advanced version is a 2-day course, for individuals who wish to take on a significant commitment to simulation, including running simulation courses and simulation programs for their department or institution. We plan to run the advanced course up to 5 times a year.
2. **Basic:** The basic version is a 1-day course. It is targeted at individuals who want to be involved in simulation as course facilitators. We plan to run the Basic course up to 10 times a year.

Candidate numbers are limited to 10 per course to ensure a small group teaching experience, and a closer interaction between candidates and course instructors.

Candidates from both courses will have the opportunity to gain further experience as simulation facilitators at BSUH simulation centres (KSS Children's Simulation Centre and the David Read Simulation Centre) and the Brighton and Sussex Medical School Simulation Centre in Falmer.

Basic 2015 One day course	Advanced 2015 Two day course	Basic 2016 One day Course	Advanced 2016 Two day course
26, 27 Mar	19, 20 Nov	11, 12 Feb	14, 15 Jan
23, 24 Apr			10, 11 Mar
30, 31 Jul			
27, 28 Aug			
24, 25 Sept			
8, 9 Oct			
17, 18 Dec			

Book online at brightonsimulation.org.uk/courses/simfact-basic/

Next Transfer Course – 1st June 2015

Held at the David Read Simulation Suite PRH

Acute Course Dates

Held at the David Read Simulation Suite PRH

14th April 20th, 28th May
16th, 18th June 16th, 17th July

Tracheostomy Course Dates

Held at the David Read Simulation Suite PRH

9th April 12th May 6th July

Please contact Denise Hinge for details of how to book on to transfer, acute or tracheostomy courses at BSUH
Denise.Hinge@bsuh.nhs.uk

Stroke Thrombolysis Simulated Cases Training - 30th April 2015

Held at the David Read Simulation Suite PRH 1.30 – 5.00pm

This half day simulation training session is provided by the Stroke Team and Faculty of Simulation & Human Factors at BSUH. It is free to attend and supports the learning needs of the multidisciplinary clinical team in managing and supporting acute stroke cases.

Learning objectives for course candidates are to:

- Increase confidence in managing acute stroke
- Increase confidence in performing NIHSS
- Gain practise at running stroke calls smoothly
- Increase understanding of importance of rapid assessment

Book a place online at [Stroke thrombolysis simulated cases training - tickets](#)

Would you like to share news about simulation in your department? Do you have simulation training dates that you would like to advertise through this newsletter? If so please get in touch with Tim Chatten at BSUH NHS Trust by email at Timothy.Chatten@bsuh.nhs.uk