

Cross Network Critical Care AHP SIM

Our Journey So Far

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Project Overview

- Funding was obtained from a bid submitted to NHSE for 'upskilling in Intensive Care' for AHP's across North Central London
- The pilot project was to design and deliver a SIM course for speech and language therapists, occupational therapists, dietitians and physiotherapists who were new to working in critical care
- The funding secured was to provide 2 SIM days and offer 6 train the trainer courses to the network
- UCLH secured the bid but recognized that as it was a cross network, multi-professional project, collaboration was the key to making it a success

Setting Up the Faculty



Team

- Expressions of interest were advertised via the NCL Critical Care AHP network quarterly meet
- We wanted representation from all the four professions and across the trusts
 - Breadth of experience
 - Covered all the educational needs

Experience

- Minimal experience amongst AHP's in both running and attending SIM based learning
- Physiotherapists had the most experience as had run multiple SIM courses for on-call training
- Wealth of experience from Dan and Beth from the UCLH SIM suite



FACULTY MEMBERS

What made me sign up?



When I was new to the world of ICU there wasn't training available for me. As I heard about this project developing, a SIM based program appeared to be a great way to introduce OTs to ICU and share my knowledge. The opportunity to work across the NCL and the AHP disciplines was something I had never seen of been a part of before.

Meghan Billingham (OT)

I've always really enjoyed facilitating SIM based education but have only done it within my own profession so was really excited to be able to be involved in an inter-professional AHP SIM course that provides education across the NCL network.

Lou Weighill (PT)

With a good few years of ICU experience behind me it is often hard to remember how it feels to step into this world, especially in disciplines which have less exposure to it throughout their training.

I am passionate about staff development and had previously had some exposure to SIM training as a method of on call training delivery. I really valued it as an educational tool, especially in such a fast-paced and ever evolving environment so I jumped at the opportunity to help develop a training platform that allows for staff to build their experience in a positive and less daunting way. To be able to do this across multidisciplinary AHP roles and the NCL network was especially exciting!

Ailsa Carmichael (PT)

Train the Trainer



The TTT course was invaluable in helping me understand the ins and outs of simulation-based education and debriefing skills which have helped in feedback not only in SIM based training though in day to day.

Meghan Billingham (OT)

The train the trainer course has helped me understand the importance of debriefing within SIM based education and has really improved my confidence in facilitating this. It covered a range of theory, practical skills and educational models which have been invaluable in the SIM courses I have helped facilitate since doing the course.

Lou Weighill (PT)

This formal training covered everything from how to set up the room to make your participants feel safe and encourage participation, through to the educational models used during the debrief process.

It was an incredible insight into the way we can facilitate learning from simulated experience without critiquing technical skill which can often be supported in the clinical world. This has been great in both the SIM world and daily clinical life.

Ailsa Carmichael (PT)

Setting The Scene

Building The Scenarios

- This was our challenge!
- Collated all the perceived anxieties from new staff working in Critical Care from each profession
- Wanted to provide both the opportunity for practical skills and the complex communication skills required to work in high stress environment
- Relevant for all as each professional plays a very different role in Critical Care
- Decisions around whether we did professional specific scenarios or joint ones

Objectives

- ✓ Increase confidence working in the critical care environment
- ✓ Reinforce knowledge through simulating common clinical situations
- ✓ Understand interprofessional team working and communication
- ✓ Review interprofessional and cognitive skills required to perform effectively

Introducing Norman

- 💡 We decided to create the scenarios based on a patient pathway following their journey from admission through critical care
- 💡 This enabled us to create profession specific scenarios that would be relevant to everyone
- 💡 Dependent on the scenario, Norman would either be an actor or mannequin
- 💡 This allowed for a solid introduction of the patient at the start of the SIM day and closely linked to MDT working within Critical Care

Practice Run

- By now most of the faculty had attended train the trainer training
- We had only met over teams to develop and create our ideas
- A practice run was essential
- Iron out the detail
 - Meet each other properly!
 - Meet the technical team in the SIM Suite
 - Create an equipment list
- Have some invaluable debriefing training
- Created a pre and post course questionnaire

What we did

- Advertised across the NCL Critical Care AHP network
 - Posters
 - Network meetings
 - Word of mouth
- Provided 2 full SIM days to a total of 24 delegates
- Gathered feedback from the first day to make improvements for the second day

NCL Representation

NHS
Royal National
Orthopaedic Hospital
NHS Trust

NHS
Whittington Health
NHS Trust

NHS
North Middlesex
University Hospital
NHS Trust

uclh





NHS
University College London Hospitals
NHS Foundation Trust

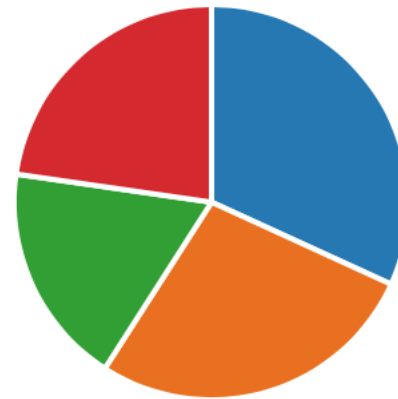
NHS
Royal Free London
NHS Foundation Trust

Results

1. What is your profession?

[More Details](#)

 SLT	7
 Physiotherapist	6
 Dietician	4
 Occupational Therapist	5



Results

■ Totally Disagree
 ■ Strongly Disagree
 ■ Disagree
 ■ Not sure
 ■ Agree
 ■ Strongly Agree
 ■ Totally Agree

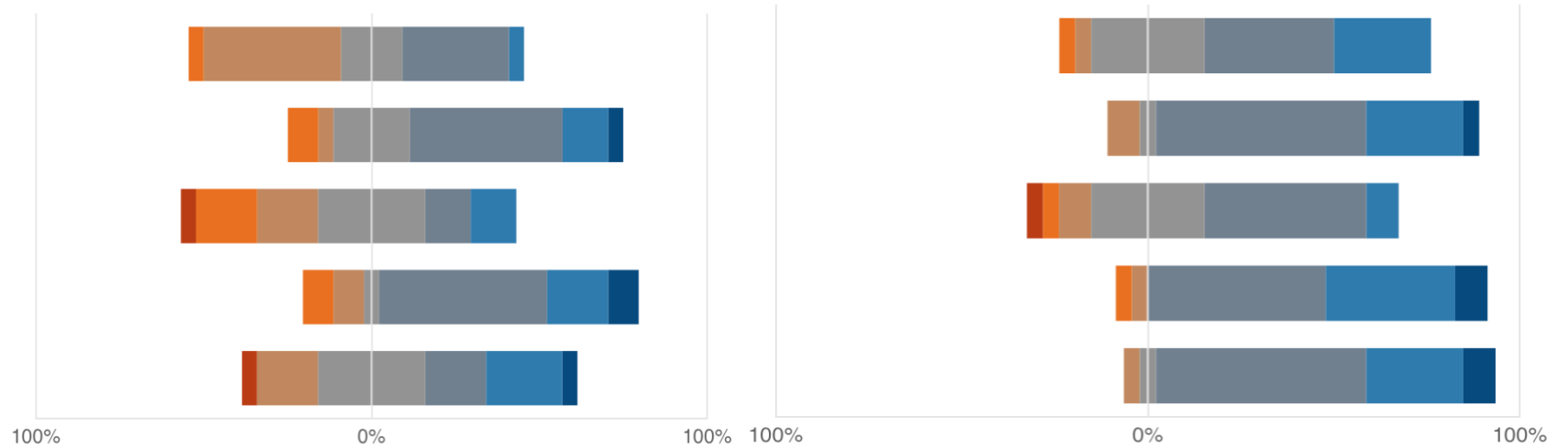
I feel confident practising in the critical care environment

I am confident recognising deterioration in a patient

I am confident managing an acutely deteriorating patient

I am confident in handover of information to colleagues

I know who to escalate to for different concerns in critical care



PRE

POST

Invaluable Feedback - Were the scenarios Useful?

Yes. It was very good to observe different professionals and how they are involved in patient experience

Yes - helpful to consider how to respond to different personality types / interactions with staff/patients/family members and how this might impact on your clinical sessions. Considering How you could deal with those kind of situations as part of the debrief

Yes - helpful to consider how to respond to different personality types / interactions with staff/patients/family members and how this might impact on your clinical sessions. Considering How you could deal with those kind of situations as part of the debrief

Observing scenarios of other members of the mdt was really helpful to understand the scope of their roles and different things you could get help from other mdt members with that might not be immediately obvious

Invaluable Feedback - What have you taken away from today?

That critical care is very similar to other environments but with more alarms and not to panic! The value of the different expertise of everyone in the MDT. The importance of talking/debriefing after challenging situations.

Using the team around you - escalating as early as possible when the situation is beyond the scope of your practice/knowledge - using your non-verbal communication skills to diffuse a tense situation

Other people have anxiety around managing pts in critical care.
Networking across NCL

Different roles of AHPs on ITU Ways to deal with stressful situations not to forget everyone is there to help, be supportive and work towards a common goal

Invaluable Feedback - How could the course be improved?

Would be great to be able to do scenarios with other mdt members eg SLT, physio and nurse to mimic real life however understand with the av it's tricky

It would have been nice to have been able to participate in a SIM myself rather than just observe, however I still learnt a lot and took a lot from the day

More exposure to the AHP profession being simulated - what are they doing, why etc.

A scenario involving multiple members of the MDT rather than profession specific

I acknowledge this is challenging with time constraints and funding for frequency of courses but everyone having the opportunity to do the sim scenario, could there be extra time for the sim or cap numbers at 2 of each professional ?

Faculty Learning

- Creating partnerships across the NCL Critical Care Network to develop the future of the AHP workforce
- Faculty teamwork and collaboration was key to learn and develop the course
- Emotional impact of the acuity of the scenarios for the observers
- Learning more about simulation-based learning and the value of safe, effective debriefing has enabled a transfer of skills into both clinical and supervisory roles
- Impact of having AHP roles acknowledged and recognised within a simulation-based environment

Where did we go from here?

- We all believed it was a huge success
- But...time and money required to provide this course again
- Project was presented at the NCL Network Education Event in 2023
- Successful bid for further funding to run another two SIM courses in 2024, highlighting the importance of investment into AHP education
- Regrouped and identified the need for new faculty members to support the fluid nature of AHP's rotating through Critical Care
- Took the invaluable feedback from both the faculty members and delegates to design and create a new improved AHP SIM course that is being run in April/May 2024

AHP SIM 2024



Recruited some new members to the faculty



Reduced delegate list down to 10 to allow everyone to participate in a SIM scenario



Introduced a multi-disciplinary meeting scenario to include all professionals



Designed a brand-new course for advanced skills in ICU for AHP's with some experience in Critical

Looking to the Future

CONTINUED COLLABORATION

SHARING SUCCESS

INVESTMENT

EQUITABLE ACCESS FOR EDUCATION FOR AHP's

Thank You

Any Questions?