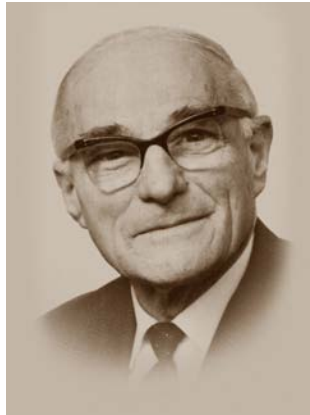


HCA's are VIPs

Kelly Turkhud

Michelle McKenzie Smith

What and Where is MCSC ?



- Fred & Anne Green
- Montagu Hospital, Mexborough
- Strategic Health Authority funding

What is Simulation in 2010 ?

High and medium fidelity human patient simulators- a whole body manikin with mechanical parts driven by computer software



Doncaster and Bassetlaw Hospitals



NHS Foundation Trust



A unique training experience!



Responding pupils
Palpable pulses
Heart & breath sounds
Respiratory
movements
A voice
Urine output
IV / IM admin routes

Simulation can provide:-

- A 'safe' learning environment
- An authentic environment
- Role awareness
- Exposure to new ideas
- Training with MDT
- Human Factors

Why HCAs?

- Role of the HCA
- Needs analysis
- Initial Pilot
- Offered regionally
- Sharing of ideas, practice and ultimately changing belief patterns
- Encourages MDT participation
- Patient Safety First Campaign

A typical course day...

- Introduction to CARMA principles
- Tour of MCSC, manikin and equipment
- 3–5 role specific scenarios ([all video recorded](#))
- Facilitated debrief after each scenario

CARMA Principles

- Teamwork
- Communication
- Leadership skills
- Situational awareness
- Declaring an emergency
- Human error / Fixation

**70-80% Medical Emergencies leading to
inadvertent patient harm are due to a
breakdown in non-technical skills**

Leonard et al (2004);Paige & Chauvin (2008);Messmer (2008)

Patient Assessment

- A- airway
- B- breathing
- C- circulation
- D- disability
- E- exposure



Debrief and the facilitator

- To assist delegates to positively critique their actions
- Encourage the group to learn from mistakes in a non-threatening environment
- To meet the educational aims

Does it work?

- Focus groups

'It's made me listen a lot more and pick up from staff nurses, doctors. Pick odd things up, because you do tend to just go and get on with your job and plod along in your own area, but I tend to listen more now and although sometimes I don't know what they're talking about, I try to pick certain things up, that would come in useful in future. I used to walk in and out when they discussed a case but now I tend to listen, and think, yes'

'I think it makes you more aware, I think it makes you question things more'

All HCAs would return for HCA 2!



References

- Leonard M, Graham S, Bonacum D (2004) The Human Factor: the critical importance of effective teamwork and communication in providing safe care *Qual. Saf. Health Care* 13;i85-i90
- Paige JT, Chauvin SW (2008) Transforming the Operating Room Through Simulation Training *Seminars in Colon and Rectal Surgery* 19:2; 98-107
- Messmer PR (2008) Enhancing Nurse-Physician Collaboration Using Paediatric Simulation *The Journal of Continuing Education in Nursing* Vol 39, No 7

Doncaster and Bassetlaw Hospitals



NHS Foundation Trust

Any Questions

