Using *in situ* simulation to get paediatric code red right

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Wednesday 21 September
12:00 – 12:45, Purbeck Lounge.
Adult code red
Aims

1. Clinical
   - Familiarise with Paediatric Code Red Protocol
   - To identify latent errors

2. Crisis resource management
   - Anticipation and planning
   - Leadership and followership
   - Effective communication

To improve the process of managing paediatric code red at our MTC
Method

• Preparation
• 3 x high-fidelity *in situ* simulation
• Over 9 months

• Scenario:
  10 yr old Pedestrian vs Car
  Haemodynamically unstable despite blood
  Requires laparotomy
Method: ....

• Immediate debrief of trauma team and observers

• Latent error and strength forms
  • Errors all reported via local incident reporting system (DATIX)
  • Strengths were fed back to MDT via department leads/email
Results

• >20 multidisciplinary staff (MDT)

1. Communication
2. Equipment

whiteboard

Barts Health Simulation
Newham - The Royal London - Whipps Cross
3. Teamwork
   • Aide memoire cards

4. Training
   • Paediatric doctors
   • Nurses
   • Surgeons
Other learning

• Simulation
  • Opened communication for other topics between specialties
  • Preparation with MDT leads before
  • ‘simulation paediatric code red’ call out

• Latent errors proforma
Conclusion

Did we get the process of paediatric code red right?

Sustainable?
Questions?