

★ OC#27 Using simulation to train foundation doctors in Bristol. Human factors and to work as a team

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● BACKGROUND:

Human factors are said to be involved in 80% of critical incidents in both hospital and the aviation industry (1).

Many aspects of human factor and team training has been developed from the airline industry and it is thought this type of training should be compulsory to doctors (2).

This type of training has only recently been introduced to doctors at a junior level in Bristol.

● AIMS:

To create a day where Simulation can be used to train Foundation year 2 doctors on Human Factors and how to work as a team.

● METHODS:

An introductory lecture involving the different aspects of human factors and how to work as a team was then followed by 3 scenarios.

The clinical scenarios cover the ability to manage a team and delegate appropriately, situational awareness and communicating information; team dysfunction, challenging errors and how hierarchy can affect the working of a team.

● RESULTS:

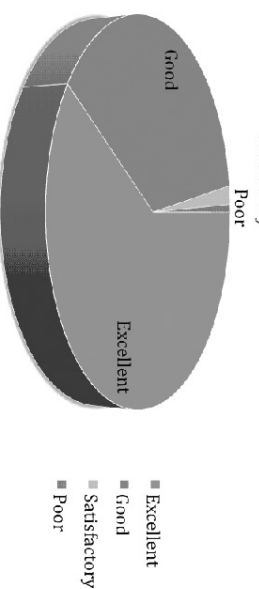
The Foundation year 2 doctors have generated positive feedback after this day.

98% of the Foundation doctors over a 2-year period thought the training was excellent or good.

Using Simulation to train Foundation Doctors in Bristol in Human Factors and to work as a team.

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Feedback from Human Factors and Team Training over a 2 year period



● DISCUSSION:

Human Factors and team training has become an essential part of postgraduate medical teaching.

By using Simulation various aspects of Human Factors and Team training can be assessed and discussed.

● CONCLUSION:

We believe simulation is an invaluable tool to provide this type of training. Traditionally this teaching is provided for doctors more advanced in their careers, we feel that these skills should be developed at an earlier stage in training.

● REFERENCE:

1. Reason, J. (1990). Human error. New York: Cambridge University Press. 2. Doctors should receive compulsory training on human error, MPs told. Adrian Odowd. BMJ 2008; 337:a2698

Conflict of interest: No conflicts of interest are claimed.