

Human factors and never events
An interactive training day

SW-18-11-14-01

Date and venue:

14th November 2018

Virtual Jet Centre (just off the A38)
Unit 1 and 2 Xpressway Park
Chudleigh, Devon TQ13 0EA
01626852119

Course Organiser:
Samantha Braddock

Course Lecturers:
Pippa Blacklock- Specialist in Oral surgery
Nicola Steevenson- Human Factors trainer

Programme

Time	Team A	Team B	Team C
0845 - 0900	Registration and Coffee		
0900 - 0915	Introduction to Human Factors		
0915 - 1015	Human Factor principles for Dental Health Professionals		
1015 - 1100	Introduction to patient safety and never events in Dentistry including National guidance and standards and the use of check lists		
1100 - 1115	BREAK		
1115 - 1130	Introduction to aircraft simulators and exercise briefings		
1130 - 1245	737 Sim Ex	Small sim Ex	Cabin Exercise
1245 - 1330	LUNCH		
1330 - 1445	Cabin Exercise	737 Sim Ex	Small sim Ex
1445 - 1455	BREAK		
1455 - 1610	Small sim Ex	Cabin Exercise	737 Sim Ex
1615 - 1645	Team debrief of all simulations Application of HF principles to Dental Practice Evaluation and feedback		

Aims

To introduce dental professionals to human factors that are relevant to their clinical practice in order to improve patient safety including the prevention and management of never events and to improve the performance of the dental team.

Objectives

- To introduce and discuss the principles of human factors and their relevance to dental practice including situational awareness, communication and team relationships, briefings and feedback
- To review and discuss the prevention and management of never events and serious incidents in dental practice including duty of candour, Nat SSIPs, Loc SSIPs and what to do when things go wrong
- To practice and discuss relevant human factors principles using a range of simulation programmes, to highlight the human factors of situational awareness and the effects of overload on decision making and teamwork, communication and handover.
- To discuss briefing and debriefing methods and review the human factors practical exercises and their application to the delegates own clinical practice.

Learning outcomes

At the end of the session a delegate will be able to:

- Describe and demonstrate the principles of human factors including situational awareness, risk management, communication, briefing and check lists.
- Describe the prevention and management of never events in dental practice including wrong tooth extraction.
- Describe the human factor principles demonstrated during a scenario in a 737 flight simulator
- To describe the human factor principles utilised during a desktop flight simulation.
- To demonstrate the use of human factor principles in a medical emergency situation in the cabin fuselage of a 737
- To describe the human factors principles relevance and application to their own clinical practice.

GDC Development outcome: ABD