

ADEPT

Advanced Emergency Performance Training (ADEPT) is a two-day course teaching non-technical skills to critical care doctors and nurses.

10 & 11 November 2018
University Centre for Rural Health
Lismore NSW

ADEPT COURSE DESCRIPTION

The course is taught by three senior ex-military pilots, one of whom teaches non-technical skills to air crew at the Royal Australian Air Force Academy, another the Director of Non-Technical Skills at the Royal Perth Hospital, and the third a captain trainer with a major Australian airline. Also teaching are a senior emergency physician/medical educator, a rural generalist, and experienced Clinical Nurse Educators. The course is suitable for all doctors, nurses and allied health professionals caring for patients with time-critical emergencies.

ADEPT features 13 contact hours (excluding registration and breaks) involving interactive presentations, workshops, small group activities, and use of the high-fidelity simulation laboratory at the University Centre for Rural Health in Lismore, NSW. The course is limited to 21 participants to facilitate realistic simulation sessions. ADEPT is accredited by the Australasian College of Emergency Medicine for 16 CPD hours, and by the Australian College of Rural and Remote Medicine for 13 Core CPD points.

ADEPT is an innovative course in non-technical skills helping doctors, nurses and allied health professionals manage complex emergencies, incorporating ground-breaking human factors teaching from expert aviators.

ADEPT COURSE AIMS

Optimisation of the non-technical skills of the health professional, through:

- interactive instruction, small-group tutorials and workshops, led by two senior aviation experts experienced in the translation of high-level non-technical skills to medical emergencies
- development and discussion of advanced non-technical skills with aviation experts, emergency physicians, and medical and nursing colleagues
- practice of non-technical skills in high-fidelity simulation laboratories with medical and nursing colleagues, overseen by two senior aviation experts, a senior FACEM, and senior nurses

ADEPT

ADEPT LEARNING OBJECTIVES

PEOPLE

Describe how people connect in a healthcare team:

- Explain how attitudes, motivation and behaviours influence people
- Describe the foundations of teamwork, leadership and followership
- Explain the concepts of group decision making
- Detail methods of minimising and managing conflict in a team
- Outline situational leadership in a healthcare team (including rapidly assembled and unfamiliar teams)
- Discuss followership in a healthcare team
- Define culture and describe its influence on individuals and groups
- Describe specific healthcare attitudes, motivations and behaviours
- Describe how external teams have different perspectives and non-technical skills, and explain how to enhance interactions with external teams

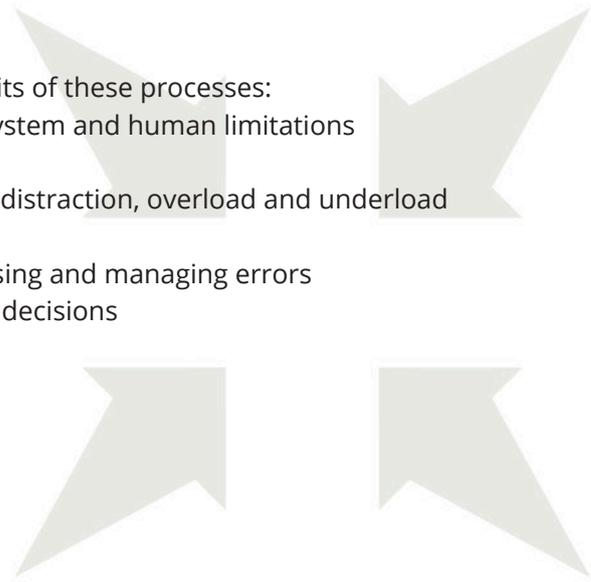
COMMUNICATION

Outline the principles of communication in a healthcare team:

- Explain how to communicate effectively in normal and abnormal situations, and specifically detail the principles of closed loop communication
- Expertly describe ISBAR (Identification, Situation, Background, Assessment, Recommendation)
- Detail problems in communication and how to surmount them
- Discuss assertiveness and how to overcome barriers to assertiveness
- Describe graded assertion and its formalised implementation (PACE, CUSS, and SAFER with a formalised assertion statement)
- Describe effective conflict management

LIMITS

Explain how people process information and the limits of these processes:

- Describe the human information processing system and human limitations
 - Explain perception and attention
 - Explain how human performance is limited by distraction, overload and underload
 - Describe how people acquire skills
 - Define human error, and methods for recognising and managing errors
 - Explain the consideration of risk when making decisions
- 

ADEPT

ADEPT LEARNING OBJECTIVES continued

CONDUCT

Describe the principles of effective conduct in critical care:

- Outline planning, effective mental modelling and preparation/rehearsal techniques
- Describe how low, medium and high workloads impact human performance
- Identify the direct and indirect causes of high cognitive workload
- Outline strategies to manage workload
- Describe the features of an automated environment, and how to proficiently manage automated systems
- Discuss the importance of briefing and debriefing as part of planning and managing patient care

AWARENESS

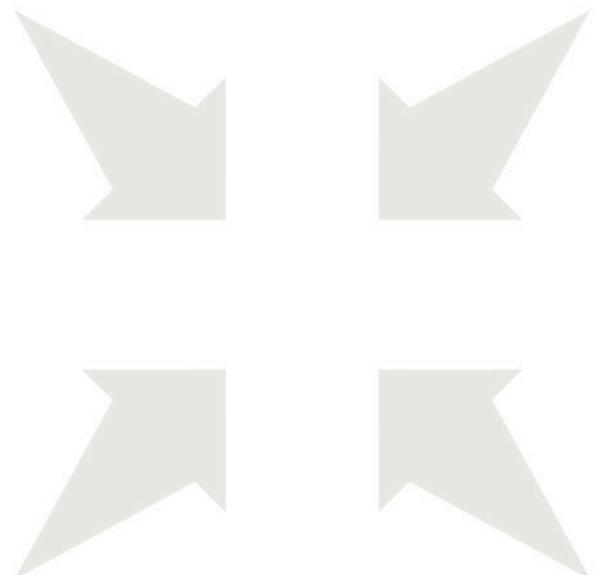
Detail the principles of self awareness and situational awareness:

- Define the constructs of self awareness and situational awareness
- Explain threats to self awareness and situational awareness
- Describe methods for regaining self awareness and situational awareness

DECISIONS

Describe strategies to optimise decision-making in the healthcare environment

- Define classical (rational) decision-making
- Explain faster decision-making processes and shortcuts
- Define very fast (intuitive) decision-making
- Describe errors in making decisions and strategies to overcome these errors



ADEPT

ADEPT COURSE PROGRAMME

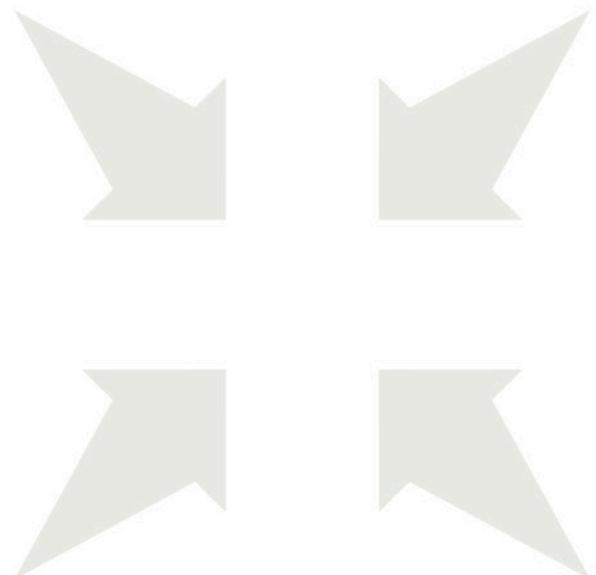
FIRST DAY (6.5 contact hours)

- 08:30 to 09:00 Registration
- 09:00 to 09:30 Introduction
- 09:30 to 10:00 Case Study
- 10:00 to 10:30 Case Study
- 10:30 to 11:00 *Morning Tea*
- 11:00 to 12:00 Teams, Leading, Following
- 12:00 to 12:30 Behaviour - The Individual
- 12:30 to 13:00 *Lunch*
- 13:00 to 13:30 Behaviour - Groups
- 13:30 to 14:30 Communication
- 14:30 to 15:00 *Afternoon Tea*
- 15:00 to 16:00 Limitations
- 16:00 to 17:00 Simulation 1

Social Function

SECOND DAY (6.5 contact hours)

- 09:00 to 09:15 Recap
- 09:15 to 09:45 Error
- 09:45 to 10:15 Risk
- 10:15 to 10:45 Planning, Briefing, Rehearsal, Doing & Debriefing
- 10:45 to 11:15 *Morning Tea*
- 11:15 to 11:45 Workload
- 11:45 to 12:30 Simulation 2
- 12:30 to 13:00 *Lunch*
- 13:00 to 13:30 Automating
- 13:30 to 14:00 Self-Awareness
- 14:00 to 14:30 Situational Awareness
- 14:30 to 15:00 *Afternoon Tea*
- 15:00 to 15:30 Decision Making
- 15:30 to 16:30 Simulation 3
- 16:30 to 17:00 Conclusion



ADEPT

ADEPT PARTICIPANT COMMENTS

"A lot more insight into how my style of communication can affect others"

"Great tools to use in my job"

"Informative. Entertaining. Excellent."

"Overall an engaging and entertaining delivery of the material. A course I would recommend to others."

"Great to learn lessons from the aviation industry that have been well contextualised to the health industry"

"Interactive and positive learning environment"

"A great two-day workshop. Would recommend to others."

"No-one has taught this in health before"

"I learned a lot about myself and how to interact better with the team"

"Great how the airline industry issues could be replicated for health"

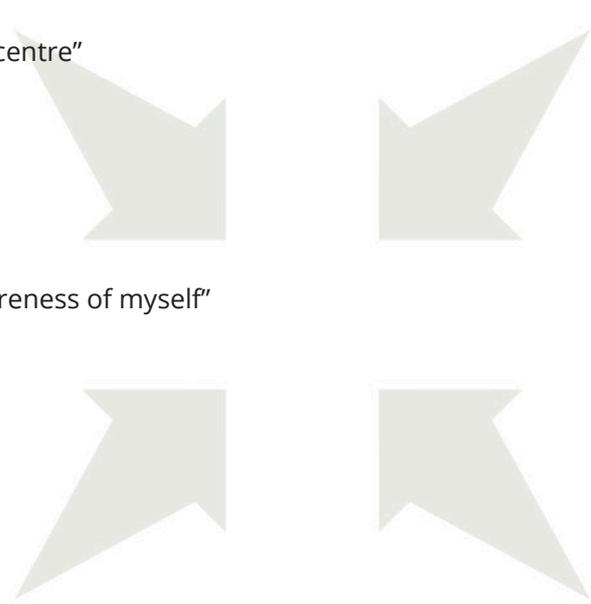
"Good use of videos, images, case studies and war stories"

"Excellent venue, great to have access to simulation centre"

"Learned heaps. Thanks!"

"Excellent. A lot of information in two days!"

"Great information for my role as educator, and awareness of myself"



ADEPT

ADEPT FACULTY

Mick Aspinall (*Senior Facilitator delivering Human Factors training to RAAF air crew, 747 pilot*)

Tony Lock (*Director of Non-Technical Skills at Royal Perth Hospital, 737 pilot*)

Stuart James (*Captain Trainer for major Australian airline*)

Charlotte Hall (*FACEM and Medical Educator at Lismore Base Hospital*)

Dean Robertson (*FACRRM, Rural Generalist at Maclean District Hospital*)

Sharene Pascoe (*CNC at Lismore Base Hospital and University Centre for Rural Health, Lismore*)

Fiona MacCallum (*CNE at Grafton Base Hospital*)



REGISTRATION

Registration fees:

- \$1100 Doctors
- \$550 Nurses & Allied Health

Registration includes all workshops, simulations, catering, and course materials.

Please advise of any specific dietary requirements.

CONTACT

For registration or further information please e-mail: [**info@emergencyprotocols.org.au**](mailto:info@emergencyprotocols.org.au)