



PRESENTATION OVERVIEWS

Sean Keenan

Considerations for Analgesia and Sedation in Austere Environments

The US military has designated Prolonged Field Care as a subset of prehospital medicine. The Joint Trauma System has published a number of Clinical Practice Guidelines specifically for use in austere settings. These peer-reviewed guidelines can be used as a basis for developing a comprehensive strategy for patient care for austere medical practice.

Dr Brennen Mills

Digital simulation for education in the health sciences. Is there application for distance and remote learning?

Digital simulation for education and training is still considered novel and, in its infancy, compared to more traditional brick and mortar education modalities. With development pathways becoming more open source, educational digital simulation content is being produced quicker and cheaper than ever before, yet still can be prohibitively expensive. This session will cover:

- Different digital simulation formats for education in the health sciences.
- The digital simulation research and development process.
- How digital simulation can be leveraged for distance learning.
- Overcoming barriers to digital simulation use in distance learning environments

Kerryn Wratt

The Best Care... Anywhere. Breaking down the barriers of medical care in the bush

Have you ever found yourself on an alpine ridge in white out conditions? Perhaps you have been for a stroll in the bush and ended up cold, wet and exhausted? Now think about providing paramedic level care in that same setting. There are many barriers to providing excellent, patient centred care in remote and austere settings and it is important we do what is possible to overcome these and remain focused on providing the best care.. anywhere. In this session Kerryn will discuss the barriers he has experienced providing medical care in the bush and help give you some tools to break them down.

Dr Hayley Letson

**Haemorrhage Control and Trauma Care in Rural and Remote Australia:
Applying the Lessons from War**

In rural and remote Australia, haemorrhage and trauma represent the greatest disease burden, and residents are 50% more likely to die from injury than their urban counterparts. Rural and remote environments offer unique challenges to primary responders. With support from the US Military, we are developing a novel small-volume fluid therapy comprising adenosine, lidocaine and magnesium (ALM) for haemorrhagic shock and traumatic injury which has demonstrated resuscitation and stabilization properties in multiple pre-clinical models. The new ALM therapy may provide a novel solution to the unique challenges of treating major trauma and haemorrhage in rural and remote Australia.

Melissa van Leeuwen

Acute Rheumatic Fever and Rheumatic Heart Disease ... Forgotten but not gone!

Rheumatic Heart Disease (RHD) is 100% preventable, yet rates in Indigenous Australians are the highest in the world. This presentation will look at what the common signs and symptoms of Acute Rheumatic Fever (ARF) and RHD. The presentation will also consider how ARF and RHD can be prevented at the primordial, primary, secondary and tertiary levels of prevention. Current prevalence and incidence rates of ARF and RHD will also be shared.

PANEL DISCUSSION OVERVIEWS

“Community care clinical conundrum” - the interplay of chronic diseases and care within the community.

This panel will include a multidisciplinary team who will discuss a case intended to highlight the interplay of 3 major chronic diseases. From each unique clinician's perspective the case will explore the impact of chronic disease on patients from onset of symptoms and diagnosis, through to acute exacerbations and how we can influence ongoing culturally safe care for patients with chronic disease in the community and the impact that paramedics could have throughout the disease continuum.

WORKSHOP OVERVIEWS

Shonel Hall

Out of hospital obstetrics

Out of hospital obstetrics with a focus on normal birth, nuchal cord and the management of shoulder dystocia.

Mel Alexander

Wound Care – beyond the basics

This workshop is designed to:

- review the common wounds encountered in pre-hospital care
 - skin tears
 - lacerations
 - chronic wounds
 - pressure injuries
- Introduce/review the principles of aseptic non touch technique (ANTT)
- Review basic wound management and closure
- Review appropriate dressings
- Identify concerning features of chronic wounds that require intervention
- Discuss important factors to consider in holistic management of wounds