



QRC: 3565

Price

One Day : \$410 inc. GST

Two Days: \$540 inc. GST

Date

18 - 19 Nov 2019

Venue

Oaks on Market

60 Market St , Melbourne, VI, 3000

CPD Hours

11 Hours | 45 Mins

Trauma Nursing Seminar 2019 (Three)

2 Day Seminar for All Nurses

Need for Program

In Australia, deaths resulting from trauma are commonly caused by falls, self-harm, unintentional injury, and transport accidents. Nurses who practice in hospitals, emergency departments, primary health care, and rural or remote area nursing are often the frontline responders or carers of the people who suffer such injuries. Your ability to rapidly assess a person with traumatic injury is essential for harm minimisation. In addition, high-level clinical decision-making combined with evidence-based knowledge ensures that optimum patient-care and better long-term outcomes are achieved for people affected by traumatic injury.

Purpose of Program

The purpose of this seminar is to provide nurses with the current evidence and underpinning principles of best-practice nursing management of people with physical trauma.

Learning Outcomes

At the conclusion of this program it is expected that the participants will be able to:

- Correlate the underpinning principles of trauma management to the pathophysiology and “mechanism of injury” to achieve the best patient outcomes
- Provide evidence-based trauma nursing care contingent on the capacity and resources of the setting within which you practice
- Develop and extend primary assessment skills for a wide range of scenarios to improve short- and long-term patient outcomes
- Confidently prioritise nursing actions when a complex range of trauma situations occur

Program Schedule

Day One

8:30am - Registration and Refreshments

9:00am

Trauma and Emergency in Australia - Setting the Scene

This first session sets the scene for modern trauma management in an Australian context. It includes:

- Special considerations that need to be taken into account when nursing in rural versus metropolitan settings
 - Defining the pre-hospital to emergency continuum
 - Reviewing the multidisciplinary team and the nurse's role in trauma care
 - How to prepare to receive a trauma patient
-

10:00am - Morning Tea

10:30am

Mechanism of Injury - A Key Concept

The term “mechanism of injury” is a key concept in determining the aetiology of trauma. Understanding the type, place, cause, and mechanism of injury guides the assessment process. This session will help you understand the significance of the “mechanism of injury”. It includes discussion and will explain physiological differences across the lifespan. It includes:

- Penetrating injuries
 - Blunt injuries
 - Blast injuries
-

11:30am

Essential Components of Trauma Assessment

The initial assessment and management of a person who has suffered a trauma are critical to outcome and recovery. This session will discuss the primary, secondary, and tertiary assessments. It will focus on how to conduct a rapid systematic primary survey that is based on established frameworks. It includes:

- A - Airway and cervical spine
- B - Breathing and oxygenation

- C - Circulation and haemorrhage control
 - D - Disability and neurological assessment
 - E - Environment and maintaining normothermia
-

12:30pm - Lunch and Networking

1:30pm

Thoracic Trauma - How to Assess, Identify, and Manage

Maintenance of life relies on organs located in the thoracic cavity and trauma to this region can be life-threatening. Therefore, understanding the types of injury that can occur here and their appropriate and timely management can be life-saving. Topics include:

- How to assess and identify traumatic chest injuries
 - Priorities of chest trauma management, including effective pain relief
-

2:30pm - Afternoon Tea

3:00pm

Shock and Shock Syndromes - Causes, Consequences, and Considerations

The maintenance of adequate cellular oxygenation is critical for life. Shock is a life-threatening condition that can affect this and, as such, requires urgent action. This session will explain the different types of shock and give an overview of the management of each. It includes case scenarios and a review of:

- The general pathophysiology of shock
 - The causes, consequences, and management considerations for:
 - Cardiogenic;
 - Hypovolaemic;
 - Distributive shock
-

4:00pm

Managing Musculoskeletal Injuries and Trauma

The final session of day one provides an exploration of the nurse's role regarding musculoskeletal trauma. It will provide an overview of the:

- Assessment of musculoskeletal trauma
- Considerations in the management of musculoskeletal injury, crush injury, and hypovolaemia

4:45pm - Close of Day One of Seminar

Day Two

9:00am - Commencement of Day Two

9:00am

Head Trauma - Responding Rapidly

Head trauma is the leading cause of death in trauma patients. Rapid assessment and management of a patient with head trauma remain the mainstays of prompt and effective treatment. This session will look at:

- Key assessment principles in head trauma
 - The differences between primary and secondary head injury
 - How head trauma is managed
 - A discussion on considerations for facial trauma
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10:00am - Morning Tea

10:30am

Spinal Trauma - Safety Considerations

This session looks at the issue of spinal preservation during traumatic events and the minimisation of neurological damage. It will give an overview of the current treatments for spinal trauma and includes the following topics:

- General guidelines for the initial assessment of spinal trauma
 - Management of spinal trauma, including when to apply a spinal collar
 - Shock in spinal injury
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11:30am

Pelvic and Abdominal Trauma - Beneath the Layers

Pelvic and abdominal trauma can lead to disability and be life-threatening. These presentations are often complex, involving both bone and soft tissue injuries to the pelvis and damage to the organs that are encased within. This session will examine the significance of abdominal trauma and the role

of the nurse, including:

- Challenges to the assessment and management of abdominal trauma
 - Classifying pelvic injury
 - Assessment and management for suspected pelvic injury
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12:30pm - Lunch and Networking

1:30pm

Burns Management

Burns can result from a number of environmental causes, such as flames, electricity, and chemicals. This session looks at the priorities of care for burns injuries. It includes:

- Assessment of burn injuries, including burn depth and area
 - Initial management of burns, including specifics of fluid resuscitation
 - Special considerations in the management of the burns patient
-

2:30pm

Pregnant Women and Trauma - Special Considerations

The changes in a woman's physiology during pregnancy present a special challenge to the trauma clinician. This session will explore the importance of understanding these changes in order to effectively treat pregnant women. It will cover:

- Physiological changes during pregnancy
 - Assessment principles during pregnancy
 - The impact of the growing uterus and aortocaval compression (supine hypotensive syndrome) on trauma care
 - Trauma management in pregnancy
-

3:30pm - Afternoon Tea and Coffee

3:45pm

Paediatric Trauma - What's Different?

The final session of the seminar will take a brief look at some of the special considerations that nurses need to be aware of when managing children who have sustained trauma. Topics include:

- Physiological differences in paediatric patients

- Assessing the paediatric patient
 - Key considerations in the trauma management of an injured child
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4:45pm - Close of Seminar and Evaluations

Presenters

Jane Mateer

Jane Mateer is a Registered Nurse with more than 25 years of experience in pre-hospital, metropolitan, and military settings. Her qualifications include a masters in public health, a graduate diploma in advanced practice (Nurse Practitioner), as well as certificates in emergency nursing and education. A specialist in an emergency, paediatric, and trauma care, Jane currently works as a clinical support nurse in emergency, having previously worked as a clinical nurse consultant, clinical nurse educator, manager, and university lecturer. She is currently undertaking research into the experiences of Australian Army nurses.

Registration form

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