

CLINICAL ASSESSMENT OF THE DETERIORATING PATIENT WITH RESPIRATORY DISORDERS SEMINAR

14-15 MARCH 2024 | GOLD COAST

12 CPD
HOURS



NURSES FOR
NURSES
NETWORK



HEALTH ED
Professionals

SEMINAR SYNOPSIS:

In this Conference, we will explore the significance of advanced respiratory assessment by the Registered Nurse /Paramedic. We will examine the chest landmarks and demonstrate the auscultation technique. The general respiratory assessment of a deteriorating patient with respiratory compromise will be explained. We will also explore a variety of uncommon respiratory disorders that are life-threatening.

Chest auscultation, interpretation of chest x-rays and interpretation of arterial blood gases (ABG) will be explained in an easy-to follow format with clinical hints and scenarios.

"The importance of expert nurses being able to interpret deterioration in ABG samples not only in the critical care and ED but also the ward cannot be underestimated."

SEMINAR LEARNING OUTCOMES:

At this seminar you will:

- Discuss the general respiratory assessment of a deteriorating patient
- Explore the clinical presentation relating to respiratory compromise
- Investigate interpretation of blood gases and critically evaluate the abnormal parameters
- Discuss how to evaluate lung sounds and link the abnormal sounds to the presentation on the chest xray.

YOU WILL LEARN:

- How to recognise a patient deteriorating with a respiratory disorder or condition
- Interesting respiratory conditions such as silicosis, psittacosis and, legionnaires disease, COVID 19, and the deadly emerging C.auris
- How to read a chest xray
- The presentation on the chest xray of a variety of disorders such as: heart failure, pneumothorax, pneumonia and placement of various catheters
- The anatomy of the lung fields, examining the lobes and landmarks for auscultation
- The significance of a post- operative patient who develops crackles and shortness of breath
- The assessment of a patient who is developing life-threatening anaphylaxis
- About the interesting ventilation history - highlighting the difference between negative and positive ventilation
- How to insert a supraglottic airway (Laryngeal Mask Airway) in an emergency situation
- The link between snake bite and respiratory arrest as well as First aid technique of a patient with a snake bite.
- The effects of venom from the three common dangerous snakes in Australia

THE PROGRAM:

DAY ONE:

0900 – 0930: SEMINAR REGISTRATION AND WELCOME

0930 – 1030: PANDEMICS AND RESURGENCE OF VIRAL INFECTIONS GLOBALLY. REVIEW OF POST COVID COMPLICATIONS AND WHAT WE HAVE LEARNED FROM THE PANDEMIC

In this session we are going to explore the history and characteristics of pandemics. We will then examine the impact of Covid 19. We will discuss the effects of post Covid 19 and resultant complications. We will explore controversies relating to the coronavirus, and lessons learned on how it could have been managed better.

1030 – 1100: BREAK

1100 – 1230: ARTERIAL BLOOD GAS ANALYSIS

In this session we are going to explore how knowledge of interpretation of ABG assists with recognition of a deteriorating patient. Learn how to interpret the ABG results in three easy steps.

1230 – 1330: LUNCH

1330 – 1500: SNAKE BITE – RECOGNITION OF RESPIRATORY DETERIORATION

In this session we will firstly perform a practical demonstration on how to apply first aid to a snake bite victim. We will examine the two different effects of snake venom and focus on respiratory deterioration and assessment of a patient with a snake bite. A clinical scenario will highlight the respiratory paralysing effects of a Death Adder.

RESPIRATORY DEVICES AND VENTILATION

In this session we will explore the history of ventilators and devices, gaining understanding of negative and positive ventilation. Learn how to insert a supraglottic airway (Laryngeal Mask Airway), in a life-threatening situation.

1500 – 1530: BREAK

1530 – 1700: INTERESTING VARIETY OF RESPIRATORY DISORDERS

In this session we are going to explore a variety of uncommon respiratory disorders, many of which are life-threatening. Deterioration in these conditions must be identified early.

We will also examine the potential dangers associated with inhaling potting mix as well as working with birds and others. We will also discuss the incidence, pathophysiology and presentation of Silicosis, Candida Auris Pneumonia and others. These disorders vary in presentation from mild cases to life-threatening outcomes.

DAY TWO:

0830 – 1000: LUNG AUSCULTATION – PART ONE

In this session we are going to explore the significance of advanced respiratory assessment by the Registered Nurse /Paramedic. We will examine the chest landmarks and demonstrate the auscultation technique. The general respiratory assessment of a deteriorating patient with respiratory compromise will be explained.

1000 – 1030: BREAK

1030 – 1200: LUNG AUSCULTATION – PART TWO

In this session we are going to explore further advanced respiratory assessment. We will examine the significance of the two adventitious (abnormal) lung sounds focusing on: crackles and wheezes. The presentation of a patient with mild to severe life-threatening anaphylaxis will be addressed. Various lung disorders will be outlined with assessment relating to lung auscultation. The aim of the session is to ensure the nurse develops knowledge and gains confidence in their assessment skills.

1200 – 1300: LUNCH

1300 – 1500: CHEST X-RAY INTERPRETATION

In this session we will commence with examining the landmarks of a normal chest xray and the concept of density. We will explore how density changes in the chest x-ray when a patient develops deterioration due to various conditions such as heart failure, pneumothorax and pneumonia.

This session is aimed at empowering nurses to recognize signs on the chest x-ray of deterioration so there is timely intervention. The nurse will also be shown how to assess for correct placement of nasogastric tube and central venous line and to recognise deterioration in a patient who has had a NG tube placed into the trachea and right lung.

1500 – 1530: BREAK

1530 – 1600: VAPING AND THE EFFECTS ON THE RESPIRATORY SYSTEM

In this last session we will explore the history of vaping, examining the dangers and complications of inhaling oils and the effects of Vaping on respiratory function.

1600 – 1630: SUMMARY OF SKILLS LEARNED IN THE SEMINAR

OUR PRESENTER:

Anne Evans-Murray

R.N., BHlthSc, MACCCN, Grad.Dip Ed, MEd, Dip Co ounselling, GradCertCritCare, CertIV Training and Assessment, CertIV in Mediation

Anne has a passion for teaching which she does in an unpretentious way that ensures you will not only understand and retain what she presents but will enjoy this learning experience. She has extensive experience of over 26 years lecturing for Gold Coast Health District and Griffith University.

Currently, she is a guest lecturer at Bond University medical school. Anne is a frequent presenter at workshops, conferences & seminars throughout Australia & New Zealand on subjects such as high dependency nursing, cardiac arrhythmias & ECG interpretation, chest x-ray interpretation, clinical assessment of the deteriorating patient, assertiveness training and leadership.

The Nurses for Nurses Network and Health Ed. Professional

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She conducts accredited advanced life support training for Nurses, doctors and paramedics.

Anne has a passionate commitment to empower all clinical staff through increased awareness and knowledge of the critically ill patient's condition so that timely intervention is implemented, which will benefit patient outcomes.

She is the author of three books; "ECGs Simply", "Interpretation of Chest X-rays Simply" and 'Uncomplicating Life, Simply'. Her ECG book is a textbook sold in many universities in Australia.

REGISTRATION - \$790.00

Please Note: Registration does not include travel, accommodation, or travel insurance

VENUE:

The Club at Parkwood

76 – 122 Napper Road, Parkwood

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INCLUSIONS

- An extensive Conference program based on current best practice
- Conference Presenter who is a recognised expert in her field and is excited to be able to share her skill, knowledge, and passion with Conference Attendees
- A Conference pack that includes a notepad, pen, lanyard, and additional information to support a fantastic Conference experience
- A Conference Transcript that identifies each session held at the Conference including the session synopsis and session presenter/s
- A Certificate of Completion identifying the CPD hours attached to the Conference Program for you to include in your CPD Evidence Portfolio

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