



Cardiac ECG Interpretation and Telemetry

Gold Coast | 12 CPD Hrs

22-23 April 2024



CARDIAC ECG INTERPRETATION AND TELEMETRY

12 CPD HRS | 22-23 APRIL 2024 | THE GOLD COAST

SYNOPSIS

The growth of telemetry in both specialist units and general ward situations has heightened the Nurse's responsibility to ensure their knowledge regarding cardiac arrhythmias and ECG interpretation is current and reflects best practice guidelines.

The content covered in this seminar is considered essential knowledge and clinical competence of any Nurse in ward telemetry, coronary care, critical care, and emergency nursing. It is also vital information for the Nurse working in other clinical areas who want to upskill their knowledge of the interpretation of arrhythmias.

Understanding the foundation of electrophysiology and the three parameters of measurements will aid the Nurse in recognising any deviation from the normal cardiac rhythm.

SEMINAR LEARNING OUTCOMES

In this seminar, you will:

- Identify the three essential parameters (values) that assist with the analysis of a rhythm strip
- Demonstrate how to work out these parameters: PR interval, QRS width, and QT interval
- How to interpret a 12-lead ECG
- Explore the additional clinical scenarios of a drug overdose and post-myocardial infarction and what the Nurse would observe on a rhythm strip of that patient

YOU WILL LEARN

- The cardiac complex: waves, segments, and timing intervals
- The foundation of interpretation of sinus rhythm
- The presentation and pathophysiology of atrial fibrillation
- Two potentially life-threatening complications of atrial fibrillation
- Interpretation of PEA (Pulseless electrical activity) and VT (Ventricular tachycardia)
- The treatment of PEA and VT according to the Australian and New Zealand Committee of Resuscitation guidelines (ANZCOR)
- The importance of assertive communication in getting the best outcome for your patient
- The warning signs of impending cardiac arrest on the telemetry monitor
- The R-on-T phenomenon
- Sudden cardiac death in the youth
- Hereditary Long QT interval syndrome
- How a patient with acute coronary syndrome (ACS) presents and the gender issues on presentation
- The common errors made in performing a 12-lead ECG
- The difference between angina, anterior and inferior MI on the 12-lead ECG
- Wellen's syndrome
- SCAD – Spontaneous coronary artery dissection
- The presentation of Takotsubo syndrome
- The recognition of a paced rhythm
- The three common tachycardias seen on telemetry:
 - Sinus tachycardia
 - Supraventricular tachycardia
 - Ventricular tachycardia



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THE PROGRAM

DAY ONE:

Topics covered today will include:

- Foundational principles of ECG monitoring in critical care and ward telemetry units
- Atrial Fibrillation
- Cardiac Activity
- Recognition of Life-Threatening Arrhythmias – Cardiac arrest due to shockable arrhythmias in the ward and critical care / ED
- Sinus tachycardia
- Supraventricular tachycardia
- Ventricular tachycardia
- Long QT syndrome

DAY TWO:

Topics covered today will include:

- Interpretation of 12-Lead ECG recognising Acute Coronary Syndrome and Myocardial Infarction
- Wellen's syndrome
- SCAD – Spontaneous coronary artery dissection
- Takotsubo syndrome
- Life-threatening arrhythmias:
- Cardiac arrest due to non-shockable arrhythmias in the ward and critical care / ED – Assessment of a collapsed patient: syncope such as anaphylaxis or hypoglycaemia vs cardiac arrest
- Recognition of a paced rhythm on the telemetry monitor

OUR PRESENTER

Anne Evans-Murray

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

Anne has a passion for teaching, which she does in a natural way that ensures you will understand and retain what she presents and enjoy this learning experience. She has extensive experience of, over 26 years of 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. She conducts accredited advanced life support training for Nurses, doctors, and paramedics.



Anne is passionate about empowering 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.



TELEMETRY, CARDIAC ARRHYTHMIAS, & 12 LEAD ECG
SEMINAR | 12 CPD HRS | 23 - 24 JUNE 2023 | GOLD COAST

REGISTRATION COST

\$790.00 incl GST

What's Included:

- An extensive Conference program based on current best practice
- Conference Presenter that is a recognised expert in their field and is excited to be able to share their skill, knowledge, and passion with Conference Attendees
- A Conference pack that includes a notepad, pen, and additional information to support a fantastic Conference experience
- Morning tea, lunch and afternoon tea as outlined in the program
- A Conference Transcript that identifies each session held at the Conference including the session synopsis and session presenters
- 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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VENUE:

The Club at Parkwood Village

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