

Emergency Care Skills

Time	Session	Learning Outcomes
08:30-08:45	Registration	
08:45-09:15	Mechanism of Breathing	1. Identify the organs and structures involved in the mechanics of breathing 2. Explain the process of inspiration and expiration 3. Name the key gases involved in gas exchange and describe the movement of these.
09:15-10:00	ABG Interpretation	1. identify the indications for an arterial blood gas 2. Recognise respiratory and metabolic acidosis and alkalosis from a blood gas result and list potential causes 3. Define type 1 and type 2 respiratory failure and recognise the differences between them.
10:00-10:15	Break	
10:15-10:30	ABG Quiz	1. identify the indications for an arterial blood gas 2. Recognise respiratory and metabolic acidosis and alkalosis from a blood gas result and list potential causes 3. Define type 1 and type 2 respiratory failure and recognise the differences between them.
10:30-11:30	NIV Theory	1. Identify functions of the Nihon Kohden NKV 330 2. Describe the functions of the Nihon Kohden NKV 330
11:30-12:00	NIV Practice	1. Demonstrate competence in the use of the Nihon Kohden NKV 330 and its attachments.
12:00-12:30	Lunch	
12:30-13:00	Belmont Training	1. Identify functions of the belmont 2. Describe the functions of the belmont
13:00-13:45	Belmont Practice	1. Demonstrate competence in the use of the belmont and its attachments.
13:45-14:45	Human Factors and Non-Technical Skills	1. Describe the role of non-technical skills in the resuscitation area of the emergency department. 2. Demonstrate closed loop communication and use structured communication tools such as SBAR. 3. Identify human factors that may affect your own practice and reflect on this.
14:45-15:00	Break	
15:00-15:45	Tracheostomy & Laryngectomy Theory	1. Describe the difference between a tracheostomy and laryngectomy 2. Discuss safe principles of care delivery in a hospital setting including emergency management. 3. Identify the basic requirements for patients with a tracheostomy and laryngectomy
15:45-16:30	Tracheostomy & Laryngectomy Practice	1. Demonstrate competence in technical skills relating to tracheostomy and laryngectomy care, including dressing change, tie change, tube change, suction.