



Session	Time Allocated	Student Profile	Number Of Students	Tutor
Paediatric Defibrillation PHECC Ref:	35 minutes	Qualified PHECC Registered Advanced Paramedics	6	Advanced Paramedic Tutor
Equipment: Child manikin, Defibrillator, Kitted resuscitation bag, Training defibrillator pads, Rhythm generator				
Overall Objective: T.T.S.S.B.A.T: Without reference safely deliver an appropriate shock to a child as per phecc CPG's				
Motivation: Approximately 90% of all paediatric cardiac arrests are due to asystole and bradycardia, most advanced paramedics may not have had a chance to practice defibrillation since their training.				
No	Sub - Objective	Time	Tutor Activity	Student Activity
SO 1	T.T.S.S.B.A.T Explain that the most important intervention for the paediatric patient is oxygenation and ventilation as per current CPGs & PALS guidelines	2 min	Explain and demonstrate using a BVM on a paediatric patient ventilating at 12 to 20 per minute	Watch demonstration Perform one minute of ventilations at rate between 12-20 per minute
SO 2	T.T.S.S.B.A.T Without reference explain that Pediatric VF suggests, Electrolyte imbalances, Drug toxicity, Electrical injury etc as per phecc CPG's	2 min	Explain the importance of considering the 5 H's and 5 T's when resuscitating a paediatrics.	List the 5 H's and 5 T's And explain how to define them
SO 3	T.T.S.S.B.A.T With reference show how to safely place Shock pads on a paediatric patient as per current AHA/ILHF guidelines PHECC Ref:	4 mins	Explain how to place pads on a paediatric patient. Ensuring the same safety procedures as adult patients. Also show how adult pads may be used if paed pads are not available and describe the positioning of both.	Watch the demonstration and explain where to place both paediatric and adult pads.

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Edition of the PHECC CPG's





SO 4	T.T.S.S.B.A.T With reference show how to enter the manual mode of a defibrillator as per the manufacturers guidelines. PHECC Ref:	6 min	Using the VT / Pulseless VT CPG explain how to enter manual mode on a defibrillator and how to work how 2 joules per/kg and 4 joules per kg	Explain and demonstrate on the defib provided
SO 5	T.T.S.S.B.A.T Without reference complete two minutes of CPR on a paediatric patient as per current AHA/IHF Guidelines PHECC Ref:	9 min	Give half the students a scenario where a child is found with no signs of life and ask them to perform two minutes of CPR while awaiting the arrival of a defibrillator	Perform two minutes of single rescuer CPR
SO 6	T.T.S.S.B.A.T Without reference deliver two shocks to a paediatric patient, one at 2joules per kg and the second after two minutes of CPR at 4 joules per kg as per CPG's	9 min	Give half the students a defibrillator and request them to back up their colleague who has commenced CPR on a paediatric patient. (Then switch groups as per SO 5)	Demonstrate how to safely defibrillate a paediatric patient
	Summary	3 mins	Summarise and take questions	Ask questions listen to answers

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