



Infrequently Used Skills Verification Checklist Transcutaneous Cardiac Pacing

1110-J

Name:	Date:		
Provider Agency:	Evaluator:		
Objective: Describe the indications for transcutaneous cardiac pacing and demonstrate the ability to proficiently perform the procedure.			
Equipment: Appropriate PPE, adult manikin, cardiac monitor with pacing capabilities, cardiac rhythm simulator, EKG and pacing electrodes, appropriate skin prep items (razor, 4x4's, etc.).			
Performance Criteria: The paramedic will be required to adequately describe the indications for transcutaneous cardiac pacing and proficiently perform the procedure on a manikin.			
Step	Description	Does	Does Not
1	States/demonstrates use of appropriate PPE		
2	States indications for transcutaneous cardiac pacing <ul style="list-style-type: none">• Persistent bradycardia causing any of the following:<ul style="list-style-type: none">○ Hypotension○ Acutely altered mental status○ Signs of shock○ Ischemic chest discomfort○ Acute Heart Failure• Atropine ineffective or not indicated• Verbalizes that pediatric transcutaneous pacing is a base/modified base hospital order		
3	Recognizes rhythm on the monitor requiring transcutaneous cardiac pacing		
4	Explains procedure to patient/family and informs that discomfort may occur as a result of nerve stimulation or muscle contraction		
5	Verbalizes consideration of sedation (one of the following): <ul style="list-style-type: none">• Midazolam: 5mg IV/IO• Morphine: 2 – 5 mg IV/IO• Fentanyl: 25 – 50 mcg IV/IO		
6	Properly places EKG electrodes on patient's chest, far enough away from pacing electrodes to ensure a clear signal – ensures EKG electrodes remain attached during pacing therapy		
7	Properly places pacing electrodes on patient's chest		
8	Selects pacing mode on the cardiac monitor		
9	Selects initial pacing rate of 60/min		
10	Sets initial current at 10 mA and increases by 10 mA increments while assessing for mechanical capture		



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Step	Description	Does	Does Not
11	Describes confirmation of pacing capture <ul style="list-style-type: none">• Recognizes electrical capture on the EKG• Recognizes mechanical capture by evaluation of patient cardiac output, pulses, increased BP and improved circulatory status		
12	Once pacing is initiated (mechanical capture), properly adjusts rate based on patient's clinical response (60 – 70/min)		
13	Monitor's/re-evaluates patient as needed and increases current as necessary to maintain mechanical capture		