



## Infrequently Used Skills Verification Checklist Transcutaneous Cardiac Pacing

1110-J

Name:	Date:		
Provider Agency:	Evaluator:		
<b>Objective:</b> Describe the indications for transcutaneous cardiac pacing and demonstrate the ability to proficiently perform the procedure.			
<b>Equipment:</b> Appropriate PPE, adult manikin, cardiac monitor with pacing capabilities, cardiac rhythm simulator, EKG and pacing electrodes, appropriate skin prep items (razor, 4x4's, etc.).			
<b>Performance Criteria:</b> 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"><li>• Persistent bradycardia causing any of the following:<ul style="list-style-type: none"><li>○ Hypotension</li><li>○ Acutely altered mental status</li><li>○ Signs of shock</li><li>○ Ischemic chest discomfort</li><li>○ Acute Heart Failure</li></ul></li><li>• Atropine ineffective or not indicated</li><li>• Verbalizes that pediatric transcutaneous pacing is a base/modified base hospital order</li></ul>		
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"><li>• Midazolam: 2 – 5 mg IV/IO</li><li>• Morphine: 2 – 5 mg IV/IO</li><li>• Fentanyl: 25 – 50 mcg IV/IO</li></ul>		
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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<b>Step</b>	<b>Description</b>	<b>Does</b>	<b>Does Not</b>
11	Describes confirmation of pacing capture <ul style="list-style-type: none"><li>• Recognizes electrical capture on the EKG</li><li>• Recognizes mechanical capture by evaluation of patient cardiac output, pulses, increased BP and improved circulatory status</li></ul>		
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		