



## Infrequently Used Skills Verification Checklist Adult Cardioversion/Defibrillation

1110-H

Name:		Date:	
Provider Agency:		Evaluator:	
<b>Objective:</b> Describe/recognize the indications for synchronized cardioversion and defibrillation on an adult patient and proficiently perform both procedures.			
<b>Equipment:</b> Appropriate PPE, adult defibrillation manikin, cardiac rhythm simulator, monitor/defibrillator, adult defibrillation paddles with conductive medium or adult defibrillation electrodes.			
<b>Performance Criteria:</b> The AEMT II or paramedic will be required to adequately describe/recognize the indications for synchronized cardioversion and defibrillation on an adult patient and proficiently perform both procedures on a manikin.			
Step	Description	Does	Does Not
1	Verbalizes/demonstrates use of appropriate PPE		
2	Verbalizes indications for synchronized cardioversion <ul style="list-style-type: none"><li>• Persistent tachycardia 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></ul>		
3	Recognizes rhythm on the monitor requiring cardioversion		
4	Verbalizes consideration of pre-cardioversion sedation (one of the following): <ul style="list-style-type: none"><li>• Midazolam: 5mg IV/IO (2.5 mg for pts ≥65yo)</li><li>• Fentanyl: 50 mcg IV/IO (25 mcg for pts ≥65yo)</li></ul>		
5	Correctly applies hands free defibrillation electrodes or conductive medium		
6	Ensures that 'SYNC' button on the monitor is selected and that the synchronization indicators are active on the QRS complex		
7	Selects appropriate initial cardioversion dose: <ul style="list-style-type: none"><li>• Narrow regular: 50 – 100 J</li><li>• Narrow irregular: 120 – 200 J</li><li>• Wide regular: 100 J</li></ul>		
8	Charges defibrillator		
9	If using paddles, places them on appropriate landmarks with firm pressure		
10	Verbally states "CLEAR" and visually checks that other rescuers are clear		
11	Delivers cardioversion by holding down the 'SHOCK' button until the defibrillator discharges		
12	Reassesses and properly identifies cardiac rhythm on the monitor		



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Step	Description	Does	Does Not
13	Repeats cardioversion steps at least one time, increasing dose in a stepwise fashion for subsequent attempts		
<b>***AEMT II or paramedic is advised that patient has become pulseless and apneic***</b>			
14	Recognizes rhythm on the monitor requiring defibrillation		
15	Reassess patient to confirm absence of pulses		
16	Turns off 'SYNC' button and selects appropriate defibrillation dose based on manufacturer recommendation (200 j if unknown)		
17	Charges defibrillator		
18	If using paddles, places them on appropriate landmarks with firm pressure		
19	Verbally states "CLEAR" and visually checks that other rescuers are clear		
20	Delivers defibrillation		
21	Initiates CPR x 2 minutes		
22	Reassesses patient and cardiac rhythm confirming patient remains pulseless and in a rhythm requiring defibrillation		
23	Repeats defibrillation steps at least one time utilizing the appropriate subsequent dose based on manufacturer recommendation		