



Infrequently Used Skills Verification Checklist Adult Cardioversion/Defibrillation

910-H

| Name: | Date: | | |
|--|--|------|----------|
| Provider Agency: | Evaluator: | | |
| Objective: Describe/recognize the indications for synchronized cardioversion and defibrillation on an adult patient and proficiently perform both procedures. | | | |
| Equipment: Appropriate PPE, adult defibrillation manikin, cardiac rhythm simulator, monitor/defibrillator, adult defibrillation paddles with conductive medium or adult defibrillation electrodes. | | | |
| Performance Criteria: 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">• Persistent tachycardia 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 | | |
| 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">• Midazolam: 5mg IV/IO (2.5 mg for pts \geq65yo)• Fentanyl: 50 mcg IV/IO (25 mcg for pts \geq65yo) | | |
| 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 recommended by the defibrillator manufacturer (for atrial fibrillation & atrial flutter \geq 200 J is preferred) | | |
| 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 | | |
| 13 | Repeats cardioversion steps at least one time, increasing dose in a stepwise fashion for subsequent attempts | | |



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| Step | Description | Does | Does Not |
|---|---|------|----------|
| ***AEMT II or paramedic is advised that patient has become pulseless and apneic*** | | | |
| 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 | | |