Purpose

To guide ECP when utilizing Zoll X-Series monitor to perform manual defibrillation.

Indications

The presence of a known or suspected ventricular fibrillation or ventricular tachycardia.

Considerations

Be sure that appropriately sized StatPads/PediPads are used depending on patient. Adult <40 kg, Pediatric >40kg. Chest should be bare and dry prior to delivering defibrillation.

Procedure

1. Begin/continue CPR per local protocol.
2. Turn on unit. Press the green power switch located on top of the unit.
3. Prepare chest
   a. Use the photos on the pads to determine placement. If patient size is such that the pads would touch one another, an anterior/posterior placement should be used.
   b. Chest should be dry, and jewelry removed.
   c. Poor adherence and/or air under the pads can lead to possibility of arcing and skin burns.
4. Select energy level. Press the ENERGY SELECT arrows up or down to select the desired energy level indicated by current AHA guidelines for adult/pediatric/neonatal defibrillation. The selected level will be shown on the right of the screen in yellow.
5. Press CHARGE to confirm the energy level. An audible tone will be heard during unit charging.
6. When the tone changes to a continuous charge ready tone.
7. Confirm that all persons in attendance are clear of the patient.
8. Confirm that patient’s body is not in contact with metal objects or water.
9. Press and hold SHOCK button to deliver energy.
10. If the defibrillator is not discharged within 60 seconds, it will automatically disarm itself.
11. If additional counter shocks are needed, repeat steps 4-8 of this procedure.

TO DISARM:
1. At any time while the unit is charging or charged, it may be disarmed one of two ways.

2. By pressing the DISARM soft key on the left side of the monitor or by changing the energy level of defibrillation.

3. Press the ENERGY SELECT arrows either up or down to disarm or change energy level.

4. To re-arm the device, the CHARGE button must be pressed again.