

CAPITULO XX

ALGORÍTMOS PARA EL MANEJO DE LAS PRINCIPALES CONDICIONES DE EMERGENCIA

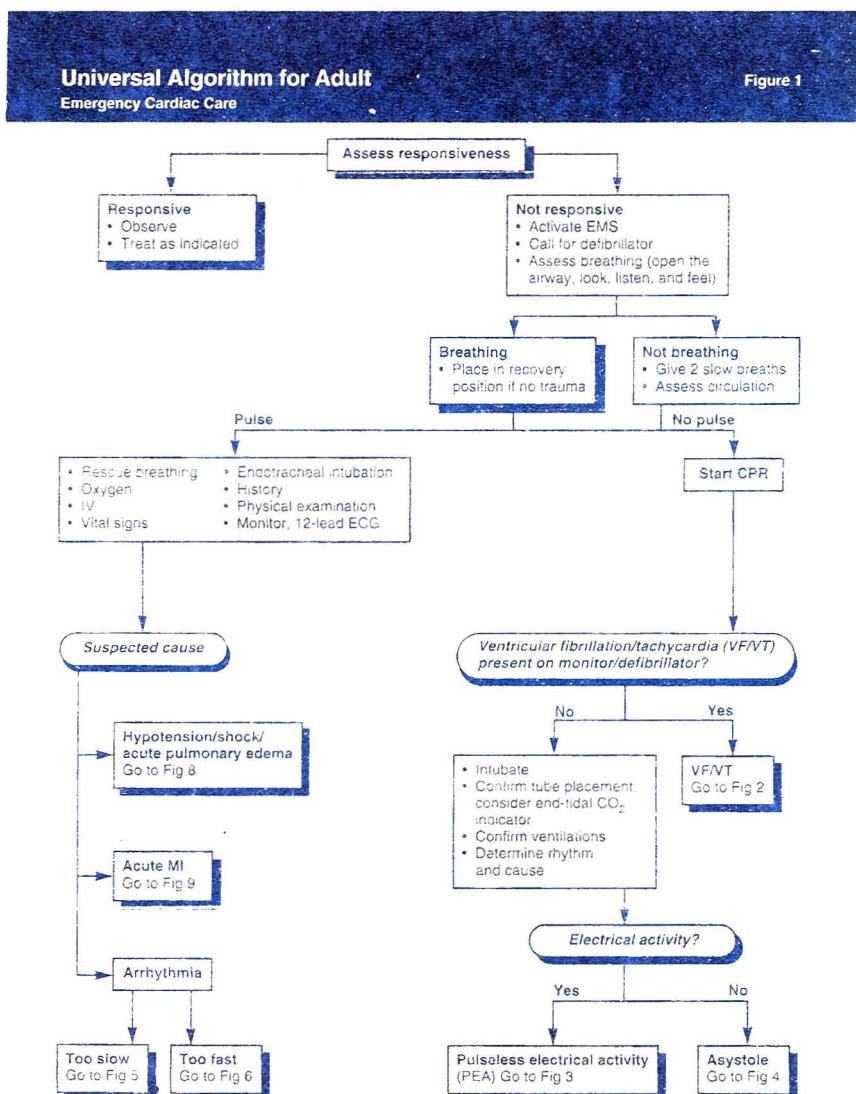
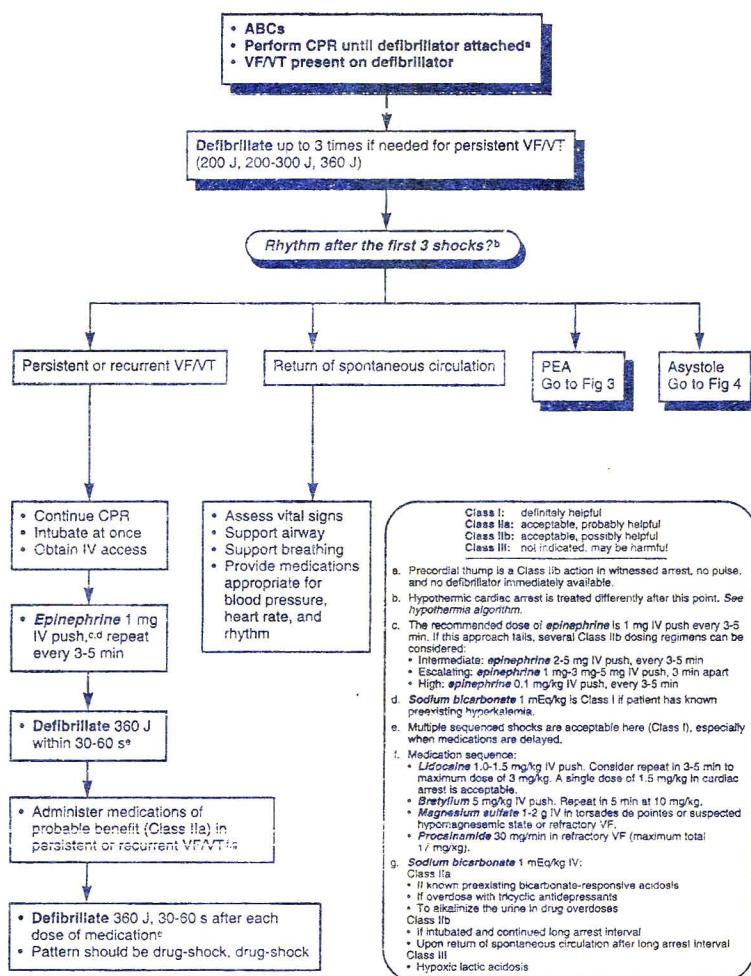


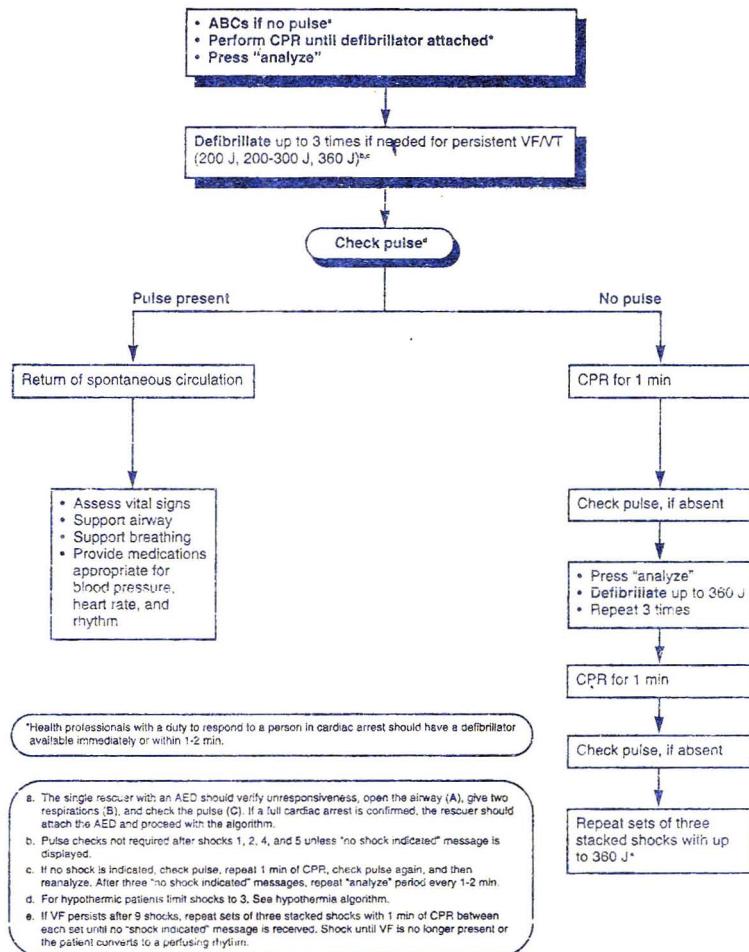
Figure 2

Ventricular Fibrillation/Pulseless Ventricular Tachycardia (VF/VT) Algorithm



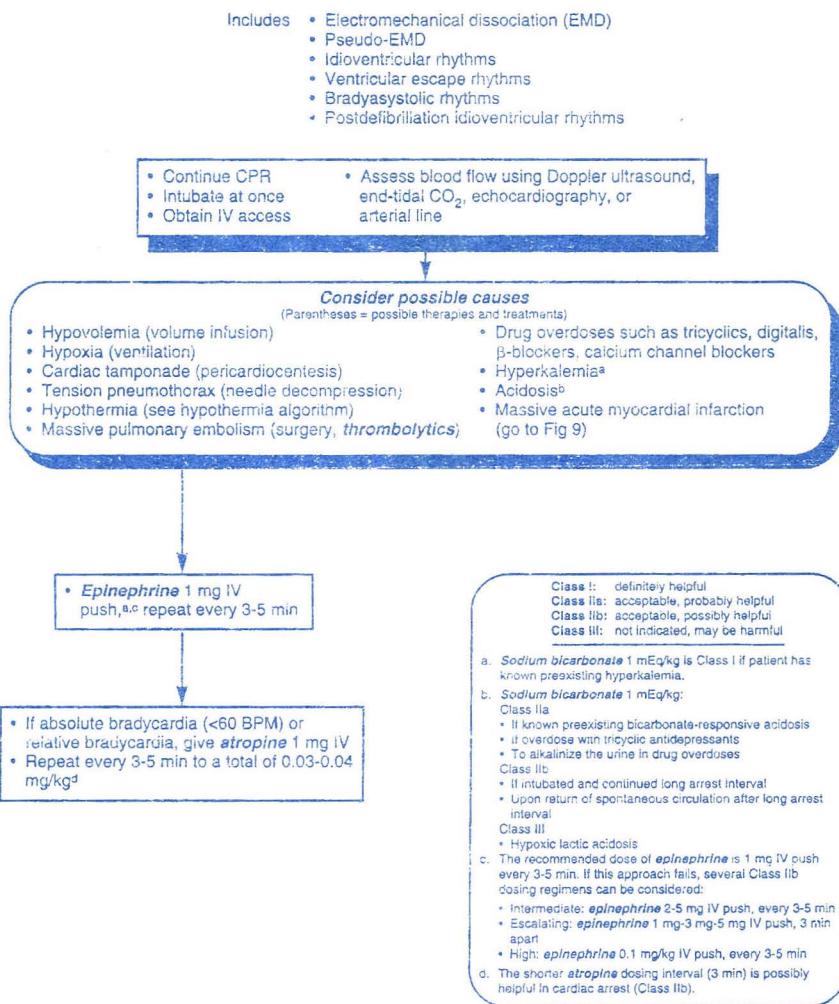
Automated External Defibrillation (AED) Treatment Algorithm
 Emergency cardiac care pending arrival of ACLS personnel

Figure 2A



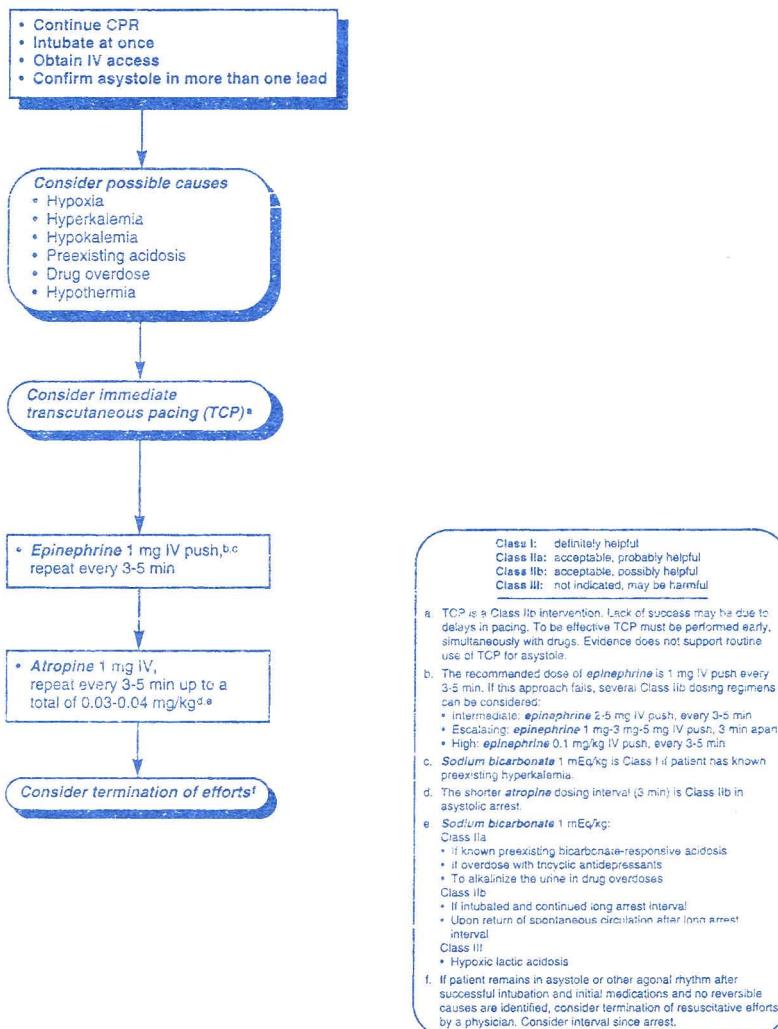
Pulseless Electrical Activity (PEA) Algorithm (Electromechanical Dissociation [EMD])

Figure 3



Asystole Treatment Algorithm

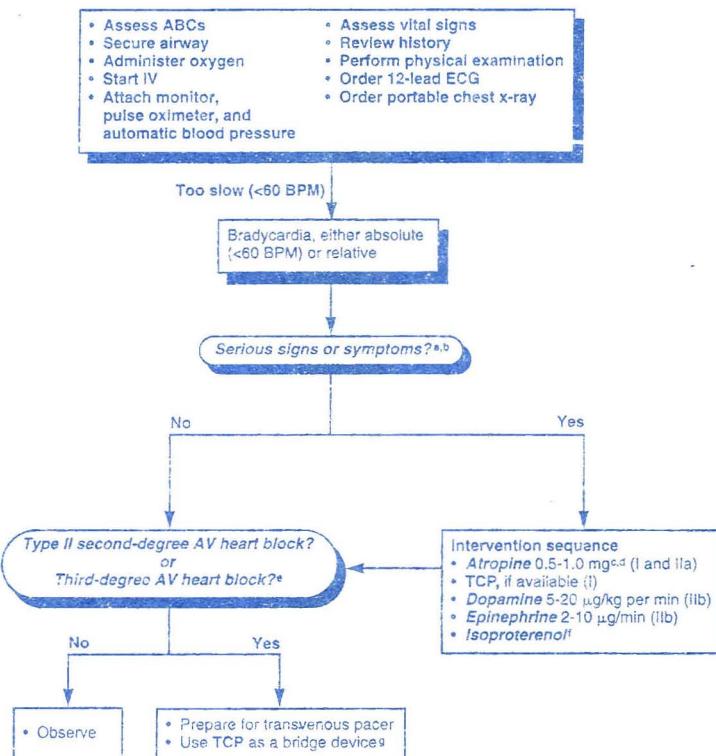
Figure 4



Bradycardia Algorithm

(Patient is not in cardiac arrest)

Figure 5



- a. Serious signs or symptoms must be related to the slow rate. Clinical manifestations include
 - Symptoms (chest pain, shortness of breath, decreased level of consciousness)
 - Signs (low BP, shock, pulmonary congestion, CHF, acute MI)
- b. Do not delay TCP while awaiting IV access or for atropine to take effect if patient is symptomatic.
- c. Denervated transplanted hearts will not respond to atropine. Go at once to pacing, catecholamine infusion, or both.
- d. Atropine should be given in repeat doses every 3-5 min up to total of 0.03-0.04 mg/kg. Use the shorter dosing interval (3 min) in severe clinical conditions. It has been suggested that atropine should be used with caution in atrioventricular (AV) block at the His-Purkinje level (type II AV block and new third-degree block with wide QRS complexes) (Class IIb).
- e. Never treat third-degree heart block plus ventricular escape beats with lidocaine.
- f. Isoproterenol should be used, if at all, with extreme caution. At low doses it is Class IIb (possibly helpful); at higher doses it is Class III (harmful).
- g. Verify patient tolerance and mechanical capture. Use analgesia and sedation as needed.

Figure 6

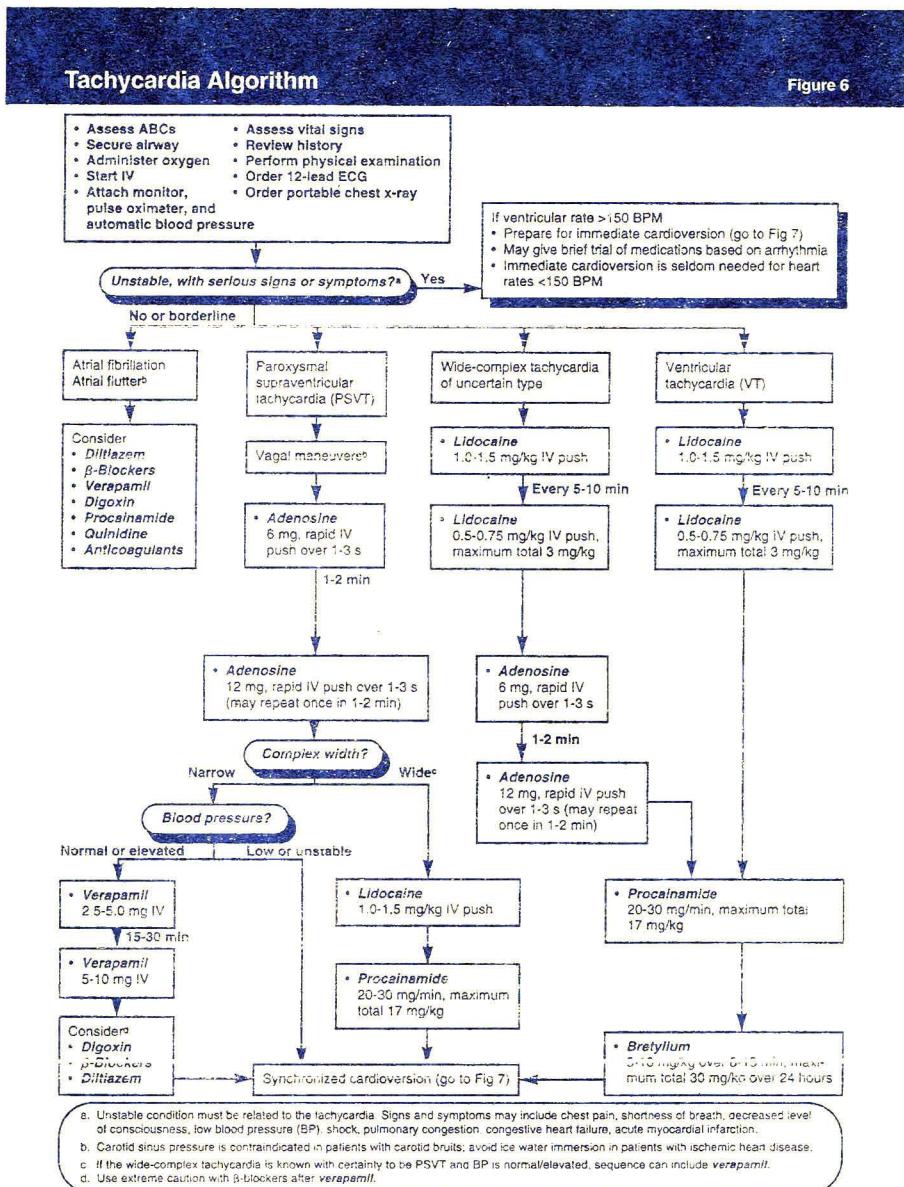
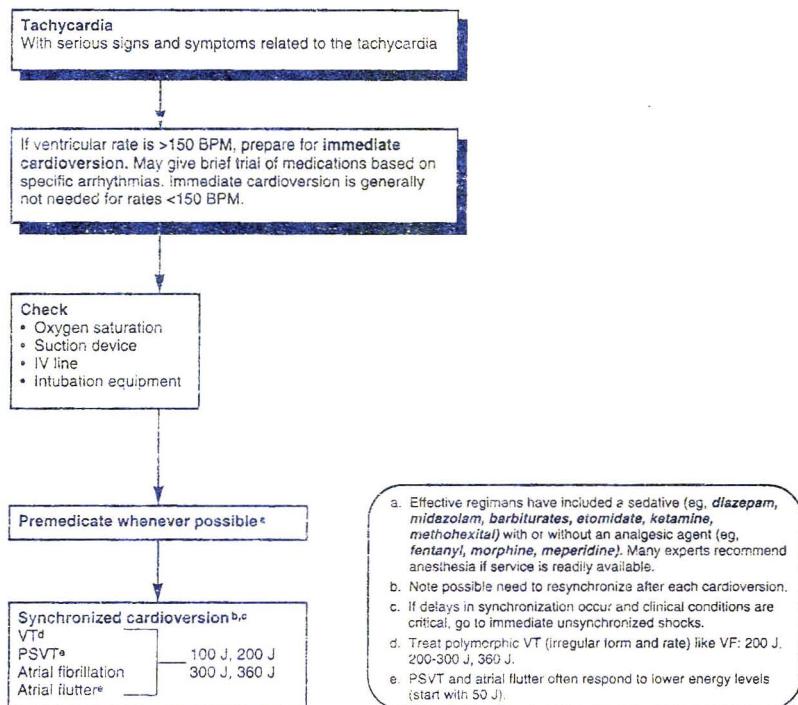


Figure 7

Electrical Cardioversion Algorithm

(Patient is not in cardiac arrest)



Acute Pulmonary Edema/Hypotension/Shock Algorithm

Figure 8

