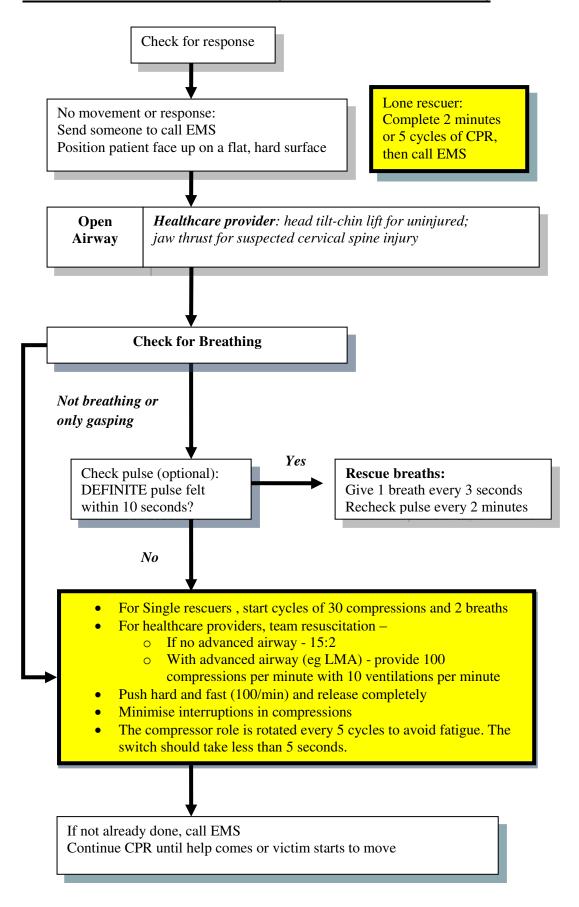
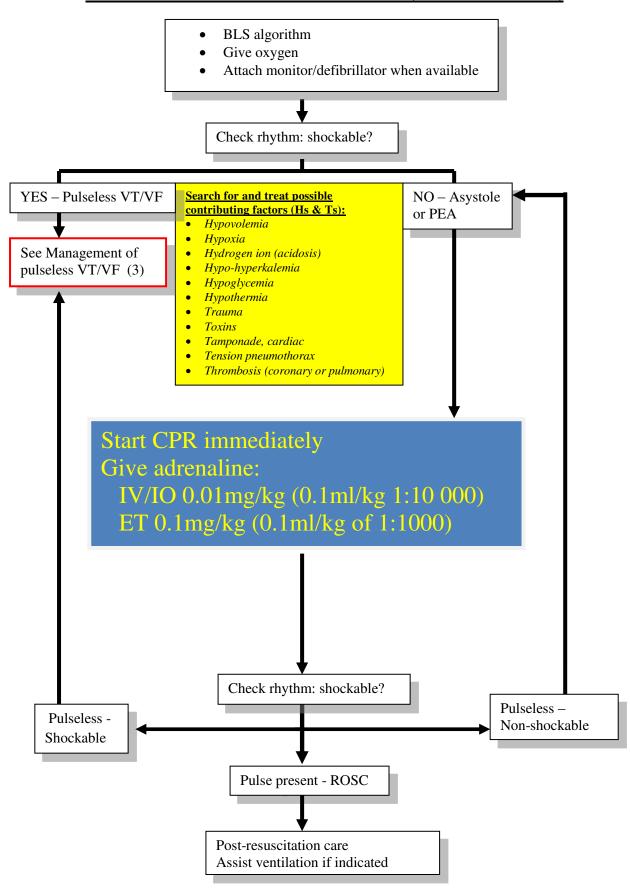
1.PAEDIATRIC RESUSCITATION (HEALTHCARE PROVIDER)

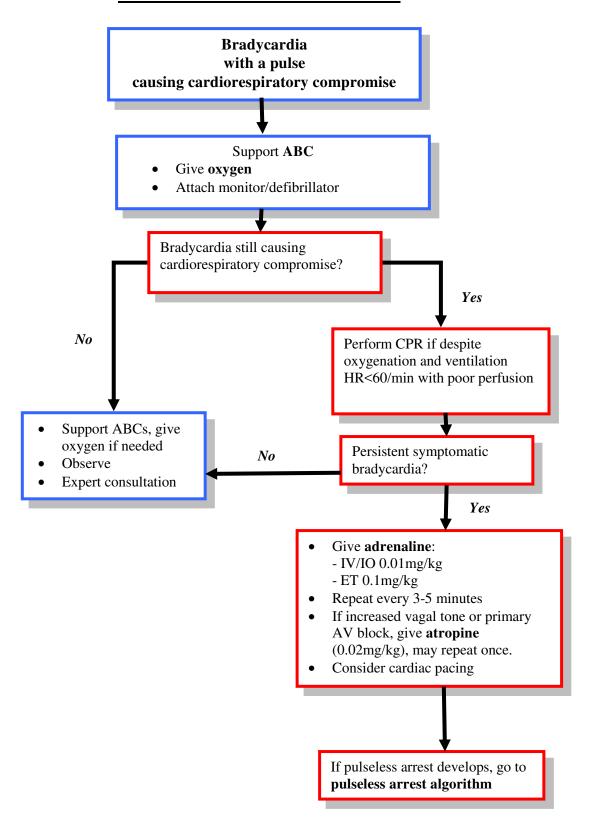


2. ALGORITHM FOR PULSELESS ARREST (NON-SHOCKABLE)

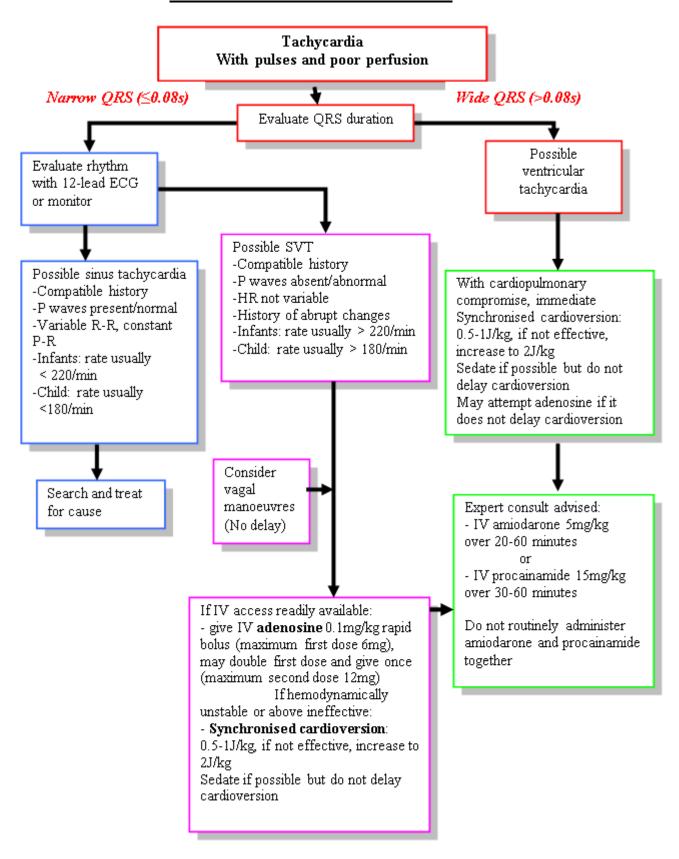


3. ALGORITHM FOR PULSELESS ARREST - SHOCKABLE BLS algorithm Give oxygen (via BVM) Attach monitor/defibrillator when available NOT See Management of Check rhythm: shockable? SHOCKABLE -Asystole or PEA (2) Asystole or PEA Perform 2 mins of CPR then check for pulse and rhythm - shockable? YES / SHOCKABLE Give adrenaline every other shock Pulseless VT/VF (q 3-5 mins) **Consider other antiarrhythmics:** -IV/IO lignocaine 1mg/kg (max. 100mg) initial bolus followed by 1st shock infusion 20-50microgram/kg/min. 2nd shock 3rd shock 4th shock 5th shock 6th shock 4J/kg 4J/kg 4J/kg 4J/kg Repeat bolus img/kg can be given after 4J/kg 4J/kg CPR CPR CPR CPR CPR Resume CPR Resume Resume Resume Resume Resume 15 minutes after initiating infusion if CPR immediately. CPR CPR CPR CPR delayed > 15 minutes Can use AED if immediately. immediately. immediately. immediately. immediately. * -IV/IO amiodarone 5mg/kg, up to 3 > 1 year old -IV/IO magnesium sulphate 50mg/kg (max2g) for Torsades de Pointes IV/IO amiodarone Give adrenaline IV/IO amiodarone IV/IO adrenaline 0.01mg/kg; max 5mg/kg; max. 3 doses Consider increasing energy dose of 0.01mg/kg; max 1mg 5mg/kg OR 1mg shocks to max 10J/kg for refractory VF OR q 3-5 mins or every IV/IO lignocaine if not q 3-5 mins or every IV/IO lignocaine other shock other shock given earlier 1mg/kg; max 100mg 1mg/kg; max 100mg initial bolus followed CPR2 mins then check pulse Initial bolus followed by by infusion 20-50 infusion 20-50 ** Search for and treat possible and rhythm - shockable? microgram/kg/min. microgram/kg/min. contributing factors (Hs & Ts) Minimise time between chest Hypovolemia compressions and shock delivery. Hypoxia Check rhythm and shock Hydrogen ion (acidosis) immediately after chest Hypo-hyperkalemia **During CPR** compressions, rather than after Pulse present / return of Hypoglycemia Monitor CPR quality Hypothermia rescue breaths, if possible. spontaneous circulation Check frequently for Trauma Minimise time between shock Toxins delivery and resumption of chest reversible causes - Hs,Ts ** Tamponade, cardiac compressions. Advanced airway placement Tension pneumothorax and confirmation Post-resuscitation care Thrombosis (coronary or pulmonary)

4. ALGORITHM FOR BRADYCARDIA



5. ALGORITHM FOR TACHYCARDIA



6. ALGORITHM FOR NEWBORN RESUSCITATION

