

V FIB/Pulseless VT - (witness: may thump)

SHOCK - 200J ⇒ 200-300J ⇒ 360J

CPR, IV, INTUBATE, ABG/SMA-7

EPI 1mg ASAP, continue 1mg Q3-5'

SHOCK - 360J in 30-60 sec

Repeat, over and over:

medication if desired** ⇒ SHOCK - 360J

? Bicarb 1.5 amps [1mg/kg] if: long arrest, ↓K+,
tricyclic/drug OD, pre-existing ↓pH**TACHYCARDIA - NO PULSE** ⇒ same as V FIB**UNSTABLE** ⇒ (consider brief trial of meds, sedation)

CARDIOVERT 100J ⇒ 200J ⇒ 300J ⇒ 360J (use

unsynch if problems)

BORDERLINE/STABLE ⇒**A Fib or Flutter:** ? diltiazem/beta

blockers/verapamil/digoxin/procainamide/

quinidine/anticoagulants

PSVT: vagal maneuvers***;

ADENOSINE 6⇒12⇒12mg

if narrow complex, BP OK: VERAPAMIL 2.5-5⇒5-

10mg; consider digoxin, beta blockers, diltiazem,

cardioversion

if wide, LIDO or PROCAN as below

else cardiovert

***No carotid sinus massage if bruit; no ice water if
ischemic heart disease**Wide-Complex or V Tach:**

LIDO 100mg (1-1.5mg/kg) then 50 mg (0.5-

0.75mg/kg) q5-10' x4

ADENOSINE 6⇒12⇒12mg (skip if clearly VT)

PROCAINAMIDE 2.5g/250cc @180cc/hr up to 120cc

(30mg/min up to 17 mg/kg (1.2g))

BRETILIUM 350mg (5mg/kg) over 8-10', max

30mg/kg (2.1g) over 24 hours

? cardiovert as above

ASYSTOLE - CPR/IV/INTUBATE/✓ other leads

Consider+treat causes: hypoxia?; ↓K+? preexisting

↓pH? ⇒bicarb; OD?; ↓temp?

? transcutaneous pacer

EPI 1mg q3-5' + ATROPINE 1mg q3-5' x3

PEA (EMD) CPR/IV/INTUBATE; ✓ Doppler pulse
Consider causes+treatment: ↓ volume; ↓ O₂; tamponade;
tension PTX; ↓ temp; massive PE; OD; ↑ K⁺;
preexisting ↓ pH; massive MI
EPI 1mg Q3-5'^{*}
(if brady: ATROPINE 1mg q3-5'x3)

SYMPTOMATIC BRADYCARDIA

ABCs, O₂, IV, monitor, pulse ox, Dinamap, VS, H+P, 12-lead, CXR

If C/P, SOB, ↓ LOC, shock, CHF, MI:

ATROPINE (0.5-1mg) prn up to 3 mg (0.04mg/kg; useless if heart transplant)

Transcutaneous pacer

DOPAMINE 5-20 µg/kg/min (800mg/500cc @13-53cc/hr)

EPINEPHRINE 2-10 µg/min (1mg/250 @ 30-150cc/hr)

If Type II 2°, or 3° block: transcutaneous pacer, get transvenous pacer ready

HYPOTHERMIA wet clothes off, keep flat, insulate, be gentle, ✓ temp/rhythm

+ **Pulse/Breathing:** 34-36°C ⇒ external rewarming; 30-34°C ⇒ trunk rewarming; <30°C ⇒ internal rewarming****

- **Pulse/Breathing:** CPR; Shock 200 ⇒ 200-300 ⇒ 360J; intubate; warm humid O₂ and IV NS; withhold meds/shocks if <30°C****

*Epi: or 2-5mg, or 7 mg, or 1/3/5mg Q3'

**LIDO 75mg (1mg/kg) twice; BRETILUM 350mg (5mg/kg); 5' later 1g (10mg/kg); MgSO₄ 1-2g IV (esp if Torsades); PROCAINAMIDE 2.5g/250cc @180cc/hr to total 120cc (30mg/min to total 17 mg/kg (1.2g))

****per Dr. Conover: Bretylium 350 mg (5 mg/kg) but no drip prior to prehospital transport

Conover's 3 AM ACLS Crib Sheet -- 1/14/99 version
Keith Conover, M.D., FACEP, Mercy Hosp., Pittsburgh