

CPR

Compressions:

100 Breaths per min
(sing staying alive in your head)



Depth: 1/3 chest



2 inches

Cycles

Neonate: 3:1
(1 and 2 and 3 and breathe)

Infant/Child: 15:2

Adolescent: 30:2

*After intubation does not need to be coordinated

Arrhythmias

O2 and IV

SVT

Stable:

1. Vagal Maneuvers
2. Adenosine
(by 3 way stop cock)
0.1mg/kg
then 0.2 mg/kg

Unstable:

1. Synchronized
Cardioversion 1J/kg,
then 2J/kg

Unstable Bradycardia

Infant <80 or Child <60

1. CPR
2. Epi 1:10,000 0.1ml/kg

Consider:

Atropine 0.02 mg/kg

Asystole/PEA

1. CPR
2. Epi q 3-5 min

Think about H's and T's

VT with Pulse

Stable

1. Call Cardiology
- Consider:
- Amiodarone 5mg/kg or
Procainamide 15 mg/kg

Unstable

1. Synchronized
Cardioversion 1J/kg,
then 2 J/kg

V Fib/ Pulseless VT

1. CPR until defibrillation
2. Defibrillation 2J/kg
5 cycles of CPR
then 4J/kg
3. Epi
then 5 cycles of CPR

Ongoing arrests repeat:

Epi, CPR x 5 cycles,
Shock, CPR x 5 cycles

Consider:

Amiodarone 5mg/kg
(max 300mg)
Lidocaine 1mg/kg (max
100mg)
Magnesiums 50mg/kg
(max 2g)

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