

Resources for participants prior to Simulation



ANZCOR Paediatric Cardiorespiratory Arrest Flowchart



Online Video : APLS PAC 2018 What's New in Paediatric Resuscitation? Dr Jason Acworth

OPTIMUS
CORE

DRSABCD Demonstration Video OPTIMUS CORE

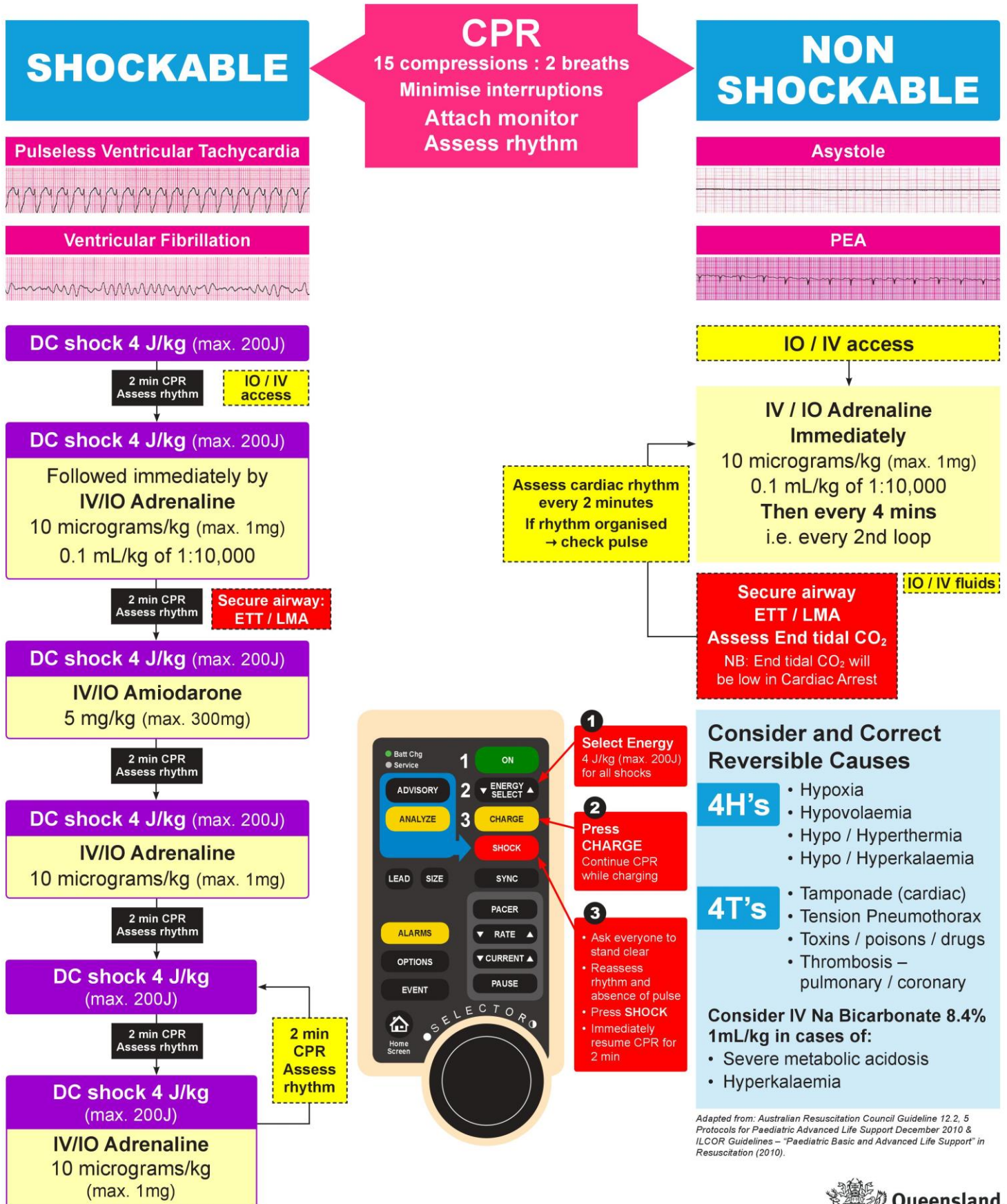
canadiem

Blog Post : The CPR Coach A Paradigm Shift in Resuscitation Teams

Flowchart for Management of



PAEDIATRIC CARDIOPULMONARY RESUSCITATION

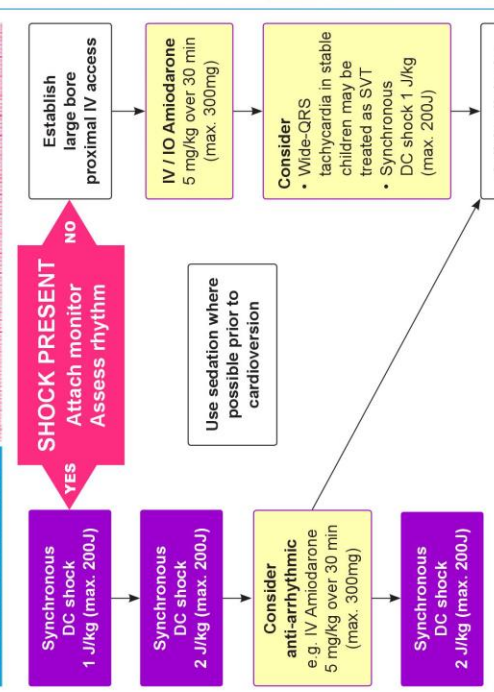


Adapted from: Australian Resuscitation Council Guideline 12.2, 5 Protocols for Paediatric Advanced Life Support December 2010 & ILCOR Guidelines – "Paediatric Basic and Advanced Life Support" in Resuscitation (2010).

Flowcharts for Management of Paediatric –

Ventricular Tachycardia (with a pulse)

Ventricular Tachycardia
 NB: If no pulse
 • Commence CPR
 • 15 compressions - 2 breaths
 • Continue as cardiac arrest



1 Press SYNC Confirm recognition of QRS complex - R waves are marked with a triangle.

2 Select Energy For the first shock 1 J/kg is used

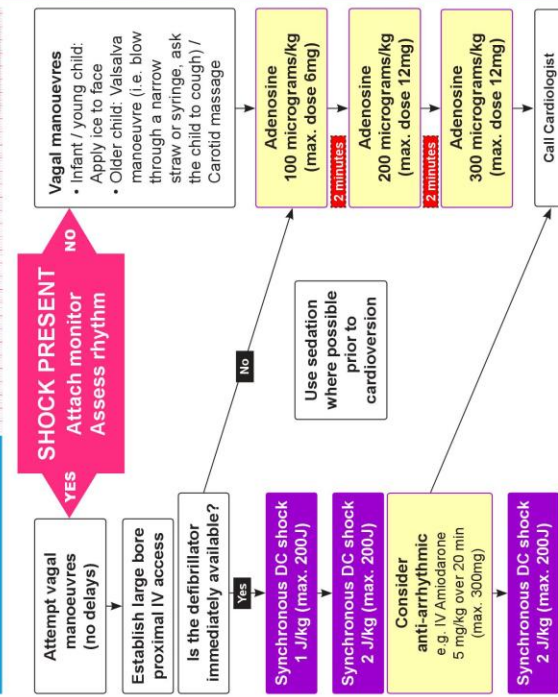
3 Press CHARGE Confirm correct joules are available

4 Press SHOCK Ask everyone to stand clear. Confirm: All clear Correct joules SYNC mode on & R waves marked Rhythm Press and hold SHOCK button to deliver the shock

NB: Select SYNC for each repeat synchronised shock

Supraventricular Tachycardia

Supraventricular Tachycardia
 • P waves absent or abnormal
 • HR not variable
 • Infants: Rate >220/min
 • Children: Rate >200/min



1 Press SYNC Confirm recognition of QRS complex - R waves are marked with a triangle.

2 Select Energy For the first shock 1 J/kg is used

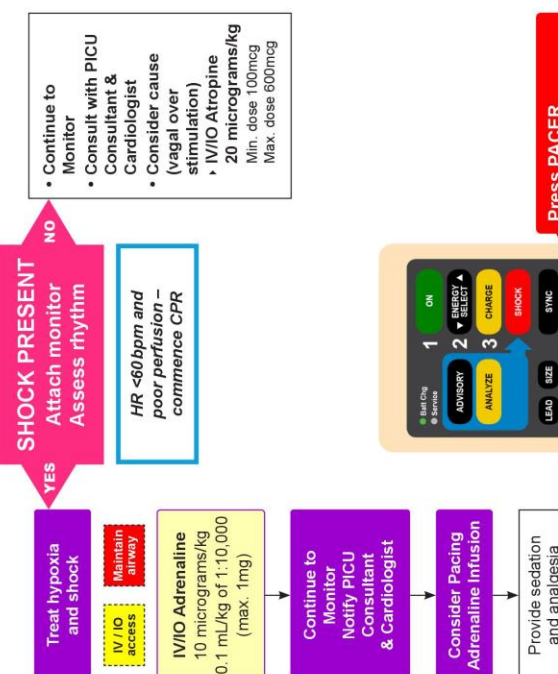
3 Press CHARGE Confirm correct joules are available

4 Press SHOCK Ask everyone to stand clear. Confirm: All clear Correct joules SYNC mode on & R waves marked Rhythm Press and hold SHOCK button to deliver the shock

NB: Select SYNC for each repeat synchronised shock

Bradycardia

Bradycardia Causes
 • Commonly hypoxia – preterminal sign
 • Raised ICP
 • Poisoning / toxicological causes
 • Vagal stimulation



1 Press SYNC Confirm recognition of QRS complex - R waves are marked with a triangle.

2 Select Energy For the first shock 1 J/kg is used

3 Press CHARGE Confirm correct joules are available

4 Press SHOCK Ask everyone to stand clear. Confirm: All clear Correct joules SYNC mode on & R waves marked Rhythm Press and hold SHOCK button to deliver the shock

NB: Select SYNC for each repeat synchronised shock

Adapted from: Protocols for Paediatric Advanced Life Support December 2010 & ILCOR Guidelines – Defibrillation and Advanced Life Support in Resuscitation (2010).