

## Resources for participants in Simulation



### ANZCOR Paediatric Cardiorespiratory Arrest Flowchart



### Dr Stewart Reid Post Arrest Patient – Waiting for the Retrieval Team Conference 2019 Paediatric Emergencies Podcast



### How to secure a paediatric endotracheal tube Optimus Prime eLearning



### Basics of Mechanical Ventilation Dr Sonia Twigg

# After Arrest Care in Kids

Continue to seek and treat cause.

Reassess frequently to protect against :

- Brain Injury
- Myocardial Dysfunction
- Systemic Reperfusion Injury

## A : Check and secure ETT

## B : Choose ventilator settings

Tidal volume 6-8ml/kg

ETCO<sub>2</sub> 35-45

Titrate FiO<sub>2</sub> to keep SaO<sub>2</sub> 94-98%



*(Scan here to refresh basic mechanics of ventilation) ->*

## C : Discuss BP target w PICU

Initial aim : SBP normal for age (>5th centile)

Consider Fluids and Adrenaline infusion.

Check electrolytes, calcium and serial lactate.

Monitor urine output



## D : Avoid secondary brain injury

CPP = MAP - ICP (normal range ICP 5-15)

Avoid hypoglycaemia

Titrate sedation

Head up 30 degrees

Watch for seizures and treat early



## E : Normothermia

Aim for T<sub>36</sub>. Avoid hyperthermia

Get advice from retrieval or PICU

Prepare for transport

## Care for parents and staff :

Parents : Inform, involve and prepare

Staff : Debriefing, Employee Assistance

