

START HERE!

## Ensure Personal Safety : PPE



health

Department:  
Health  
PROVINCE OF KWAZULU-NATAL

Unresponsive Patient

Call for Help!

Check central pulse for 10s

No pulse

## C Chest Compressions

30 compressions  
Centre of sternum  
Two hands  
Push down 5cm  
> 100 pushes / min  
Release fully

## A Open Airway

Head-tilt, chin-lift  
(Jawthrust if trauma)

## B Breathing

Bag-Valve-Mask  
2 breaths  
Each breath 1 second  
Chest just rises

Repeat 5 sets of  
30 compressions  
+ 2 breaths  
No interruptions!

## 10s Pulse-Check Break

Only after every 5 sets!

Pulse strong

## Ventilatory Support

## Grey's Hospital Resuscitation Committee

Adult Resuscitation Overview  
version 0.2 : Based on 2010 ILCOR guidelines

WHEN DEFIBRILLATOR AVAILABLE

**D** Attach DEFIBRILLATOR!  
Check rhythm as soon as possible

Ventricular Fibrillation,  
Pulseless Ventricular Tachycardia ?

YES

## Defibrillate

1st dose : recommended joules  
Later doses: maximum joules

NO

Continue C-A-B with least interruption

Recheck rhythm during 10s Pulse-Check Break

Airway device only if essential:

- Oropharyngeal airway
- Laryngeal mask / iGel
- Endotracheal intubation only if LMA / iGel fails and operator very skilled : 30 sec. max time to place.

WHEN DOCTOR PRESENT

## Find & Fix CAUSES

6H's

Hypoxia  
Hypovolaemia  
Hypoglycaemia  
Hyper / hypo electrolytes especially hyperkalaemia  
H<sup>+</sup> (acidosis)  
Hypothermia

6T's

Tension pneumothorax  
Tamponade cardiac  
Thrombosis pulmonary (PTE)  
Thrombosis coronary (AMI)  
Tablets and Toxins  
Traumatic injury eg TBI

Establish iv access.  
Drug therapy:

Adrenaline 1mg ivi  
every 4 minutes only  
(after every second 10s Pulse-Check Break)

Atropine 1mg ivi  
only if prior bradycardia  
(to max 3mg)

Amiodarone 300mg ivi  
only if VF / pulseless VT after 3 defibrillations

Calcium gluconate 10% 30ml ivi  
only if KNOWN hyperkalaemic arrest

MgSO4 2g ivi  
only in torsades