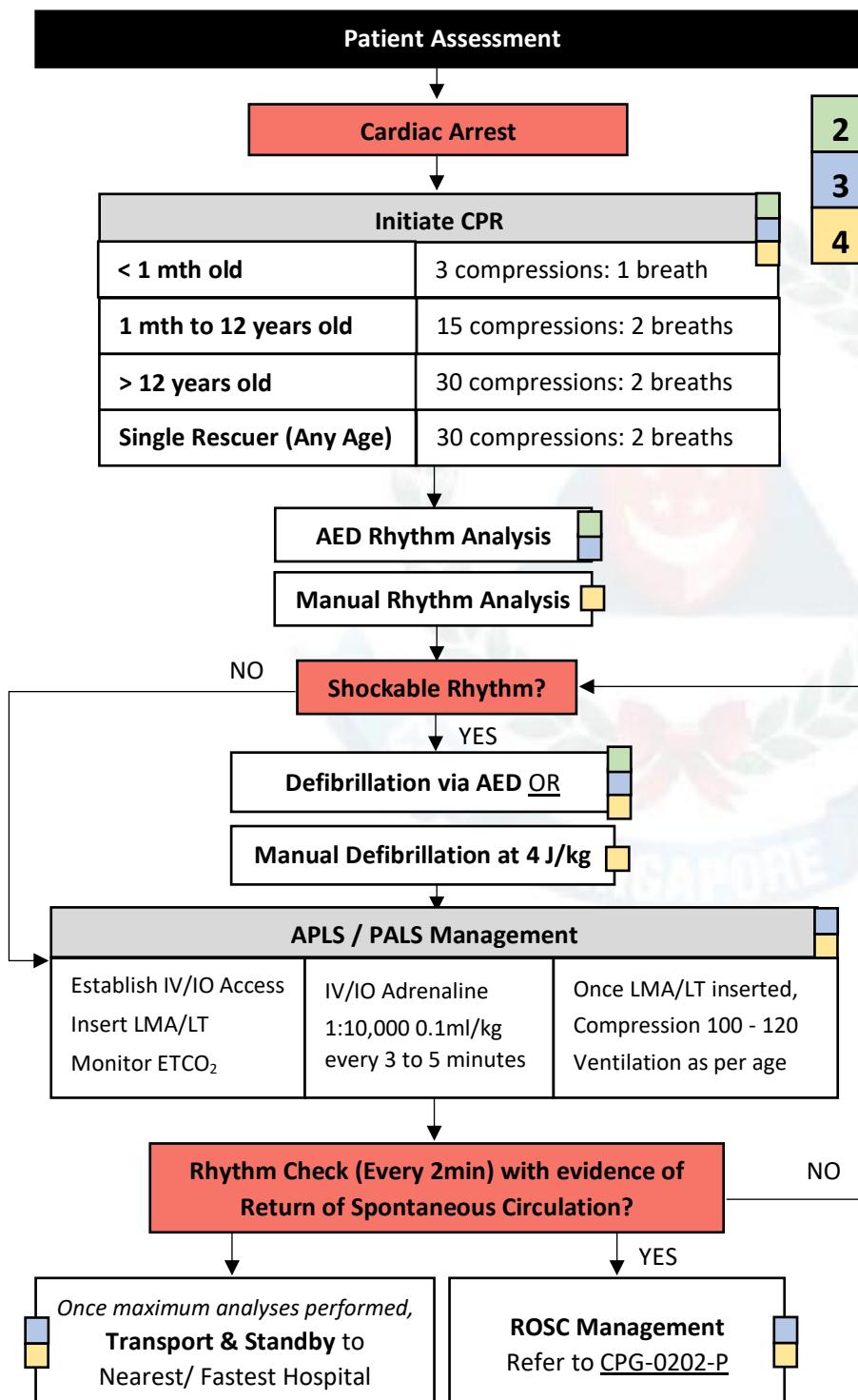


Paediatric



INDICATIONS

Clinical manifestations of cardiorespiratory arrest, likely of medical or non-traumatic origin



HIGH QUALITY CPR

Chest Compression Depth

< 1 year old	3 - 4 cm
1 to 12 years old	4 - 5 cm
> 12 years old	4 - 6 cm

OR 1/3 of the AP diameter of chest

Neonates: 2 thumb encircling method

Infants: 2 thumb encircling method OR 2 finger chest compression technique

Ventilation Strategy (LMA/LT inserted)

< 1 year old	30 bpm (1 every 2s)
1 to 12 years old	20 bpm (1 every 3s)
> 12 years old	12 bpm (1 every 5s)



RHYTHM ANALYSIS

< 1 month old	Cardiac monitoring*
1 month to < 8 yrs	Paeds Pad / Mode
≥ 8 yrs OR ≥ 25 kg	Adult Pad / Mode

*Manual defibrillation (L4) using Paeds Pad

Cardiac Arrest (At Scene)6 analyses

At least 3 analyses for patients ≥ 1 mth old if scene is hostile or turns chaotic

For neonates < 1 month old, no minimum

Cardiac Arrest (En-route)

EMS are to stop by the roadside for resuscitation for 3 analyses.

Resuscitation while transporting VF/pVT

Shocks may be administered opportunistically e.g. waiting for lift, stopping at traffic junctions, traffic jam

Resuscitation while transporting patient that has changed to shockable rhythm

1 deliberate stop for analysis up to 3 is advised

Disclaimer: The protocol is expressly intended for use by SCDF paramedics performing duties and delivering ambulance services for, and on behalf of SCDF Emergency Medical Services (EMS). Under no circumstances will the SCDF EMS, its employees or agents, be liable for any loss, injury, claim, liability or damages of any kind resulting from unauthorized use of, or reliance upon, the SCDF EMS Protocol or the contents therein.

Last Updated: Jul 2022 | To Review: Jan 2023