

# Basic Life Support

# Basic Life Support Objectives

- ▶ To understand the structured approach to basic life support
- ▶ To learn the sequence of basic life support
- ▶ To describe the skills to be acquired

# Basic Life Support Priorities

***A***irway

***B***reathing

***C***irculation



SAFE approach

Are you alright?

Airway opening manoeuvres

Look, listen, feel

Up to 5 rescue breaths

Check pulse, check signs of circulation

Start CPR

Call Emergency Services





SAFE approach



Are you alright?



Airway opening manoeuvres



Look, listen, feel



Up to 5 rescue breaths



Check pulse, check signs of circulation



Start CPR



Call Emergency Services



# Airway

## Jaw thrust



FINGER SWEEP IS  
DANGEROUS IN CHILDREN





SAFE approach

Are you alright?

Airway opening manoeuvres

Look, listen, feel

Up to 5 rescue breaths

Check pulse, check signs of circulation

Start CPR

Call Emergency Services



SAFE approach



Are you alright?



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SAFE approach



Are you alright



Airway opening manoeuvres



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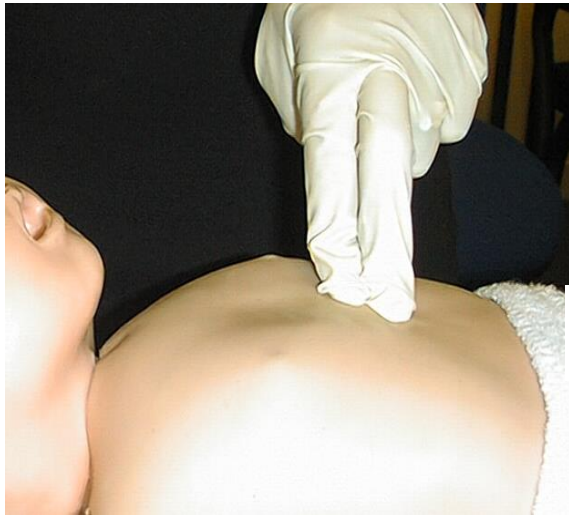
Start CPR



Call Emergency Services

# Start Chest Compressions if.....

- ▶ No pulse
- ▶ Slow pulse (<60 per min with poor perfusion)
- ▶ No signs of circulation (absence of movement, coughing and normal breathing)



SAFE approach



Are you alright



Airway opening manoeuvres



Look, listen, feel



Up to 5 rescue breaths



Check pulse, check signs of circulation



**Start CPR**



CPR for 1 minute

**Call Emergency Services**





SAFE approach



Are you alright



Airway opening manoeuvres



Look, listen, feel



Up to 5 rescue breaths



Check pulse, check signs of circulation



**Start CPR**



CPR for 1 minute

**Call Emergency Services**



# CPR Rates in Infants and Children

Single Rescuer

▶ 30:2

Two Rescuers

▶ 15:2

Compression rate in all ages 100 per minute

SAFE approach



Are you alright



Airway opening manoeuvres



Look, listen, feel



Up to 5 rescue breaths



Check pulse, check signs of circulation



Start CPR



CPR for 1 minute

Call Emergency Services

# Basic Life Support

If spontaneous  
breathing and  
circulation return

RECOVERY POSITION

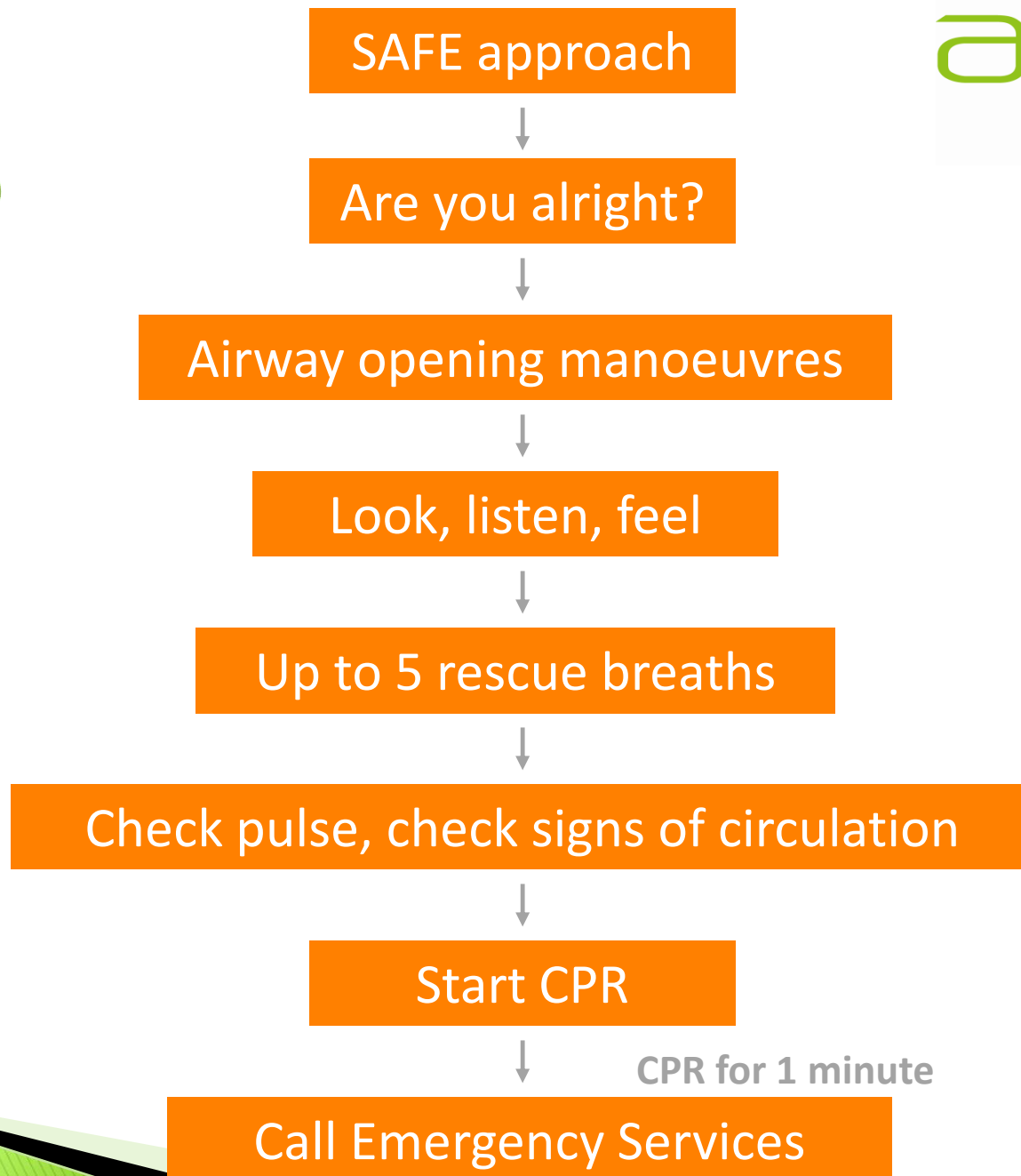


# Advanced Paediatric Life Support



BLS and the choking child

# BLS Demo



# Cardiac Arrest

## Initial actions

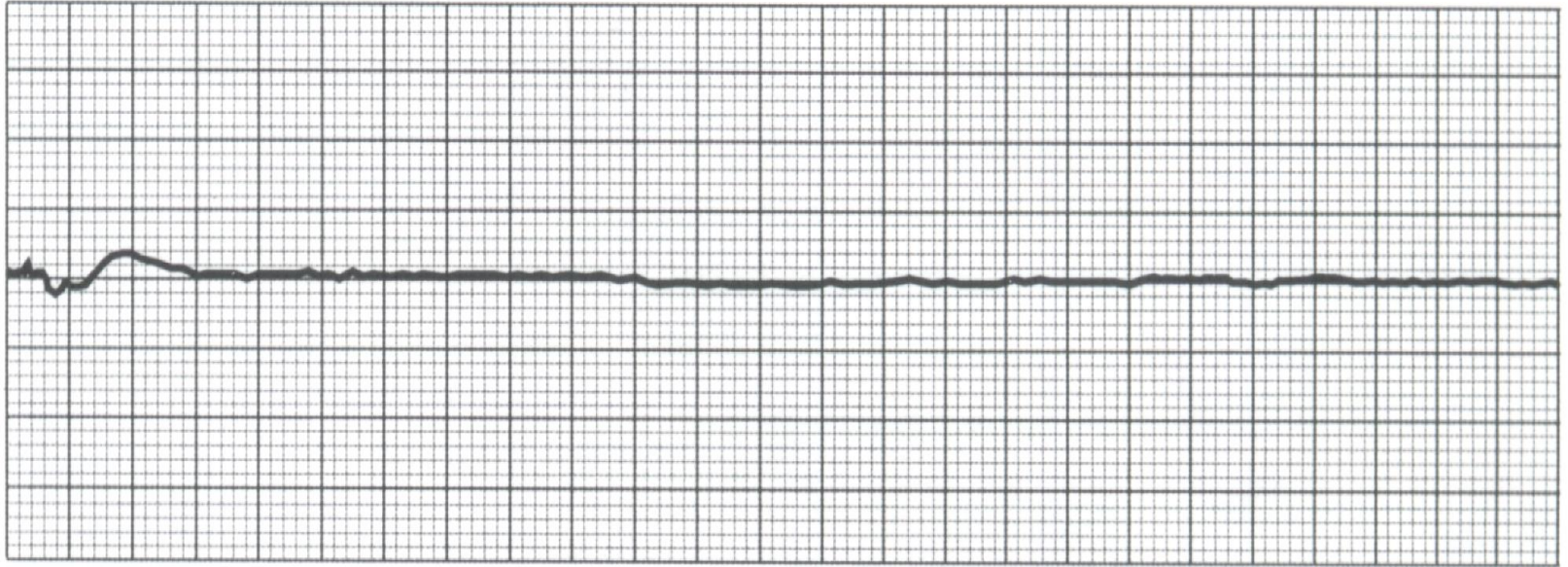
- ▶ Commence basic life support
- ▶ Secure airway
- ▶ Deliver high-flow oxygen
- ▶ Assess rhythm



# Cardiac Arrest

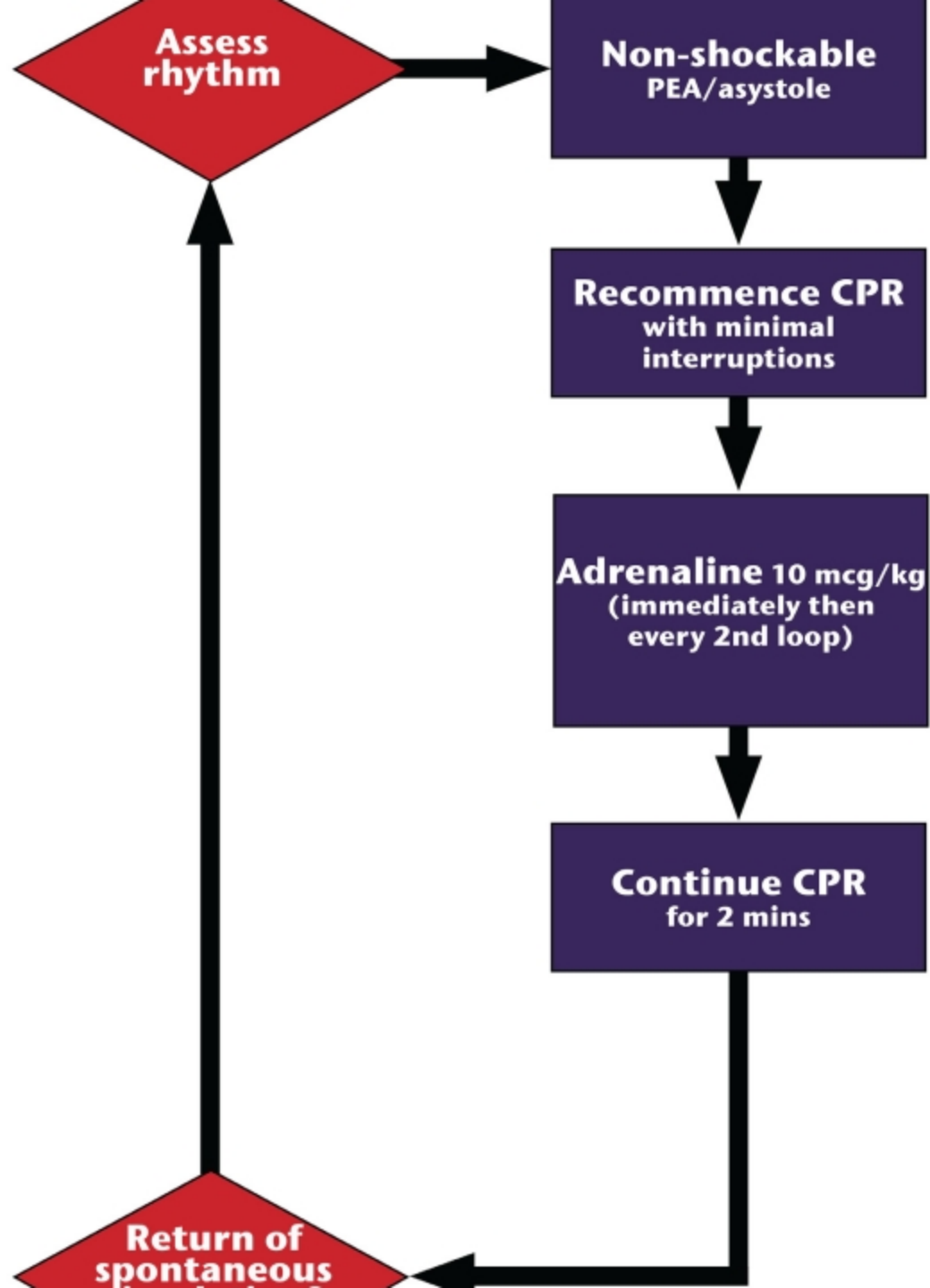
## Rhythms

- ▶ Asystole
- ▶ Pulseless Electrical Activity (PEA)
- ▶ Ventricular fibrillation and pulseless VT



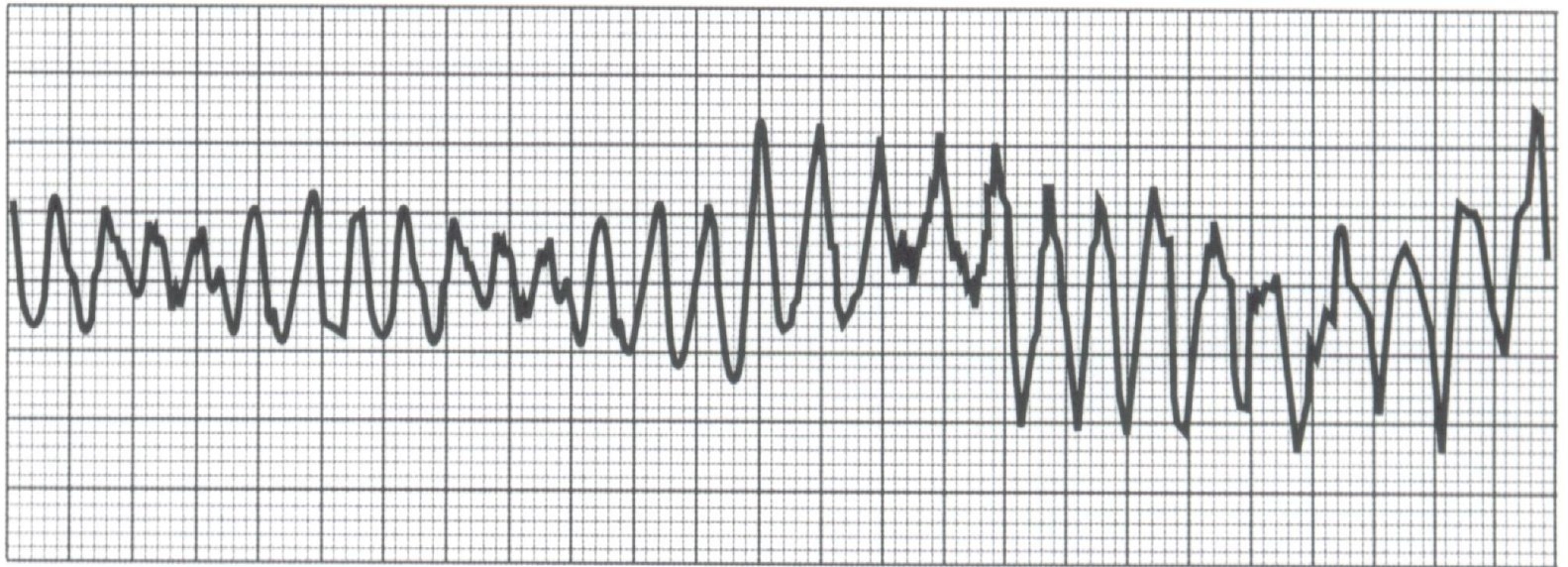
# PEA (EMD)

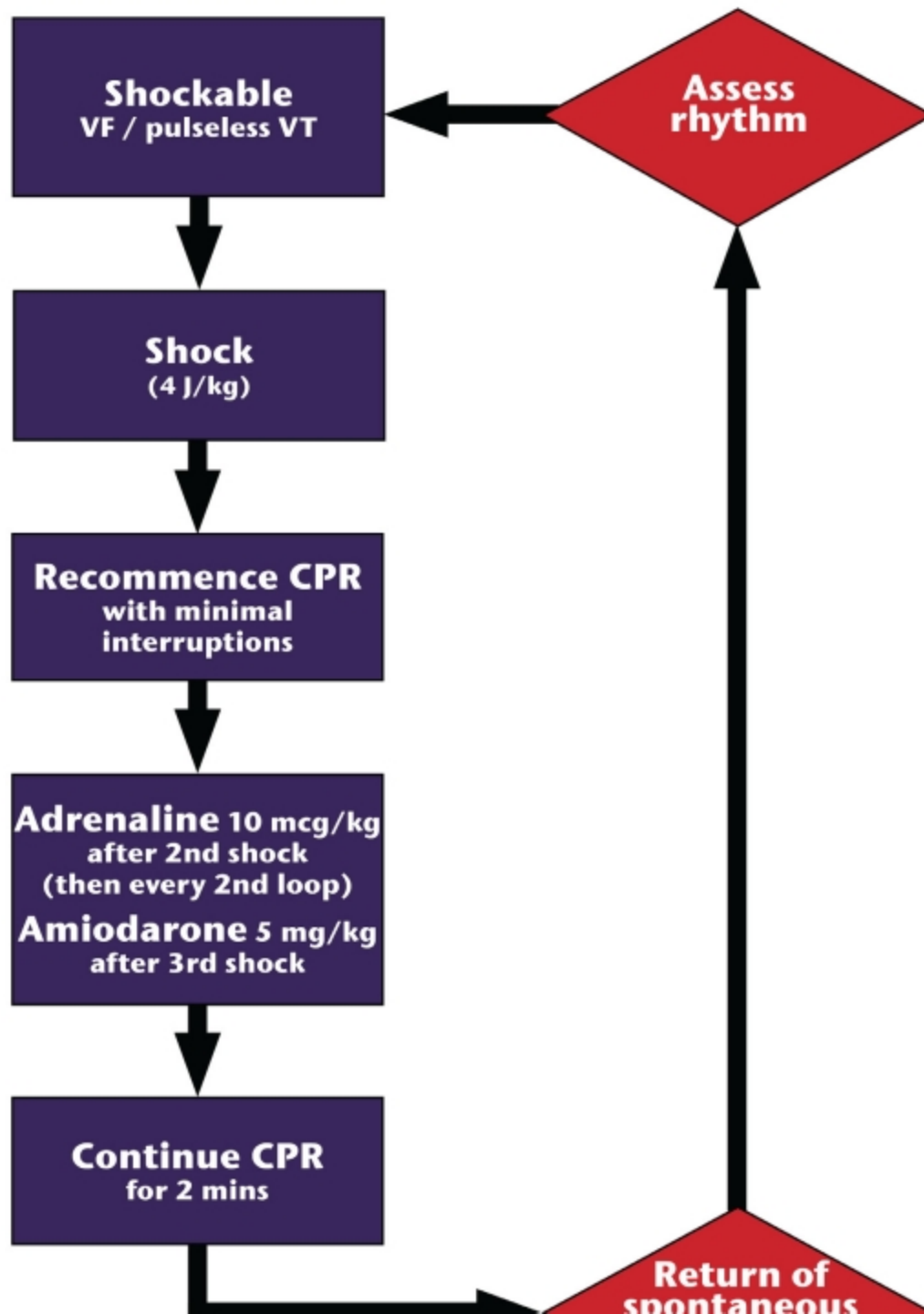






# Ventricular Fibrillation







# Post Resuscitation Care Priorities

- ▶ Airway
- ▶ Breathing
- ▶ Circulation
- ▶ Disability

