Advanced Life Support Algorithm for the management of cardiac arrest in adults

**Cardiac Arrest**

- Precordial Thump if appropriate
- **BLS Algorithm** if appropriate
- Attach Defibrillator/Monitor
- Assess Rhythm
- +/- Check Pulse

**VF/VT**
- Defibrillate x 3 as necessary
- CPR 1 min

**Non-VF/VT**
- CPR 3 min*
- 1 min if immediately after defibrillation

**During CPR**
- Correct reversible causes
  - If not already:
    - check electrodes, paddle positions and contact
    - attempt/verify: airway & O₂ IV access
    - give epinephrine every 3 min
    - Consider: amiodarone, atropine / pacing Buffers

**Potential reversible causes:**
- Hypoxia
- Hypovolaemia
- Hyper/hypokalaemia & metabolic disorders
- Hypothermia
- Tension pneumothorax
- Tamponade
- Toxic/therapeutic disorders
- Thromboembolic & mechanical obstruction