



PAEDIATRIC ACUTE CARE GUIDELINE

Advanced Life Support

Scope (Staff):	All Emergency Department Clinicians
Scope (Area):	Emergency Department

This document should be read in conjunction with this DISCLAIMER
<http://kidshealthwa.com/about/disclaimer/>

Advanced Life Support

This Advanced Life Support in Children guideline provides a refresher for the algorithms used in paediatric cardiorespiratory arrest. It is not a substitute for hands-on training courses such as the Advanced Paediatric Life Support course. It is recommended all health care providers who work regularly with children attend an approved paediatric life support course.

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Background

- Adequate basic life support must be in progress before commencing advanced life support algorithms
- Non shockable rhythms are more common than shockable rhythms in paediatric cardiorespiratory arrest

General

Cardiorespiratory arrest in children is less common than in adults. For this reason, all health care providers who work in paediatrics should regularly review Advanced Life Support algorithms to keep skills up to date.

Assessment

- Ensure ABC issues are addressed as they are found
- Pause chest compressions briefly to analyse the cardiac rhythm

Management

- Perform continuous CPR
- Follow non-shockable or shockable algorithm
- Minimise time off chest compressions
- Insert intraosseous needle if no venous access available
- Consider and address 4 Hs and 4 Ts

Resuscitation



APLS Cardiac Arrest Algorithm

[Click here for the emergency drug calculator.](#)

Further management


See ED Guideline: [Post Resuscitation Care](#)

Tags

adrenaline, advanced, algorithm, ALS, APLS, apnea, apneic, apnoea, apnoeic, ARC, arrest, Australian, cardiac, compressions, council, CPR, defib, flowchart, guideline, ILCOR, joules, life, resus, resuscitation, support

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