

APLS 7e manual updates

The following are changes made following publication of the APLS 7e manual. Some of these may be incorporated in reprints, but a full list is included here for completeness.

Date	Reprint updates after first publish of 7e
n/a	n/a

Chapter	Dates of changes noted below
Chapter 1 – Introduction and structured approach to paediatric emergencies	
Chapter 2 - Getting it right – non-technical factors and communication	
Chapter 3 – Structured approach to the seriously ill child	
Chapter 4 – Airway and Breathing	
Chapter 7 – Circulation	
Chapter 8 – Decreased conscious level (with or without seizures)	
Chapter 9 – The child with chest injury	November 2023
Chapter 10 – The child with abdominal injury	
Chapter 11 – The child with traumatic brain injury	
Chapter 12 – The child with injuries to extremities or spine	
Chapter 13 – The burned or scalded child	
Chapter 14 – The child with an electrical injury	
Chapter 15 – Special considerations	
Chapter 16 – Basic Life Support	
Chapter 17 – Support of the airway and ventilation	October 2023
Chapter 18 – Management of cardiac arrest	
Chapter 19 – Practical Procedures: airway and breathing	
Chapter 20 - Practical Procedures: circulation	August 2023
Chapter 21- Practical Procedures: trauma	
Chapter 22 – Imaging in trauma	
Chapter 23 – Structured approach to stabilisation and transfer	
Appendix A – Acid-base balance and blood gas interpretation	
Appendix B – Fluid and Electrolyte management	
Appendix C – Paediatric Major Trauma	
Appendix D – Safeguarding	
Appendix E – Advance decisions and end of life	
Appendix F – General approach to envenomation and poisoning	
Appendix G – Resuscitation of the baby at birth	
Appendix H – Drowning	November 2023
Appendix I – Point of care ultrasound	
Appendix J Formulary	

[\[Back to top\]](#)

Chapter 9 – The seriously injured child

Page	Change	Date
153	Correction to thoracotomy NOT thoracostomy: If personnel are not available to carry out an emergency thoracotomy	November 23

Chapter 17 – Support of the airway and ventilation

Page	Change	Date
228	Correction to third bullet point in the Breathing section <ul style="list-style-type: none">Perform chest decompression if necessary	October 2023
229	Correction to sub-bullet point If evidence of tension pneumothorax: <ul style="list-style-type: none">perform immediate thoracostomy or needle decompression	October 2023

[\[Back to top\]](#)

Chapter 20: Practical Procedures: circulation

Page	Change	Date
294	Edits to the procedure: Procedure: hands-free defibrillation Basic life support should be interrupted for the shortest possible time (steps 8–11). <ol style="list-style-type: none">Apply adhesive monitoring electrodes to the correct positions whilst compressions continue.Turn on the defibrillatorBriefly stop compressions to assess the rhythm. If VF/pulseless VT: Move to step 4 to prepare to deliver a shock. If PEA/Asystole then jump to 11.Select the correct energy level required whilst compressions continue.Shout “CHARGING, oxygen away, continue compressions”.Press the charge button whilst compressions continue.Wait until the defibrillator is charged.Shout “Stop compressions, everybody stand clear, (visual glance of monitor to check still shockable) SHOCKING”. (If PEA/Asystole do not shock, but disarm/dump the charge and jump to 11)Check all personnel are clear and that the oxygen has been removed.Deliver the shock <i>whilst observing the patient</i>.Recommence CPR.	August 2023

[\[Back to top\]](#)

Appendix H – Support of the airway and ventilation

Page	Change	Date
442	<p>Change to text in green box on the non-shockable arm of Hypothermic child in cardiac arrest algorithm.</p> <p>Follow rewarming guidance to warm up while doing continuous CPR. Withhold adrenaline below 30°C and between 30°C and 35°C give adrenaline every 8 minutes.</p> <pre> graph TD A{Assess rhythm} --> B[Shockable] A --> C[Non shockable] B --> D[Continue CPR Check core temperature (rectal or oesophageal) after delivery of the first DC shock] C --> E[Follow rewarming guidance to warm up while doing continuous CPR. Withhold adrenaline below 30°C and between 30°C and 35°C give adrenaline every 8 minutes] D --> F[Follow rewarming guidance to warm up while doing continuous CPR. Withhold adrenaline below 30°C and between 30°C and 35°C give adrenaline every 8 minutes] E --> F </pre>	November 2023