

manuever	AHA	ERC/SIMEUP	SIMEUP
<b>Airway</b>  suspected trauma:	head tilt-chin lift  use jaw thrust	head tilt-chin lift, if you still have difficulty try jaw thrust  use jaw thrust  if unsuccessful, add head tilt a small amount	
<b>Check the airway</b>		look into the mouth	
<b>Check breathing</b>	look, listen and feel for 10 seconds		
<b>Breathing</b>	2 effective breaths at 1 second/breath	5 initial rescue breaths	
<b>Rescue breathing</b>  wo chest compressions	12 to 20 breaths/min  apply cricoid pressure	20 breaths/min	
<b>Circulation</b>  Pulse check (<=10sec)	carotid and observe for signs of life (pallor and cianosis)	carotid and observe for signs of life (movement, coughig, breathing)	
<b>Compression landmarks</b>	lower haf of sternum,  between neeples	lower third of sternum  one finger's breadth above xiphoid	
<b>Compression method</b>	heel of one hand or as for adults  <i>push hard and fast, allow complete recoil</i>		
<b>Compression depth</b>	1/3 the depth of the chest		

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<b>Compres- sion rate</b>	100/min		
<b>Compres- sion-venti- lation ratio</b>	30:2 (single rescuer)  15:2 (two rescuer)	15:2	
<b>Reasses- sment</b>	when victim start to move    if rescue brething: check pulse every 2 minutes	after 1 minute, briefly ABC (signs of life)   if rescue brething: fre- quently reassess breathing and circula- tion every 2 minutes	after 1 minute check pulse and sihns of life if DAE not available   if rescue brething: chek pulse every 1 minute
<b>Activation of EMS  (single re- scuer)</b>	after 2 minutes of CPR	after 1 minute of CPR   call first: for early defi- brillation at all ages in case of witnessed sudden collpase	after 1 minute of CPR   call first: for early defi- brillation at all ages in case of witnessed sudden collpase or known cardiac disease
<b>AED</b>	use after 5 cycles of CPR (30:2= 2 min)  for sudden collapse or in-hospital arrest use AED as soon as avai- lable	use after 5 cycles of CPR (15:2= 1 min)  do not attach AED before one minute of CPR	
<b>FBAO  still con- scious</b>	abdominal thrusts	alternate 5 back blows and 5 abdominal Thrusts	

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<b>FBAO</b>  <b>unconscious</b>	look into the mouth open airway 5 breaths start CPR 30:2	look into the mouth open airway 5 breaths start CPR 15:2 activate EMS after 1st minute	
<b>Course format</b>	adult and child BLS 6-8 hrs video-based course	inside EPLS course	8 hrs child and infant PBLSD course



**Alpines Ausbildungszentrum  
fuer Paed. Notfallmedizin**

**Centro Alpino per la formazione  
all'Emergenza Paediatrica**

**Alpine Paediatric Life  
Support Training Center**

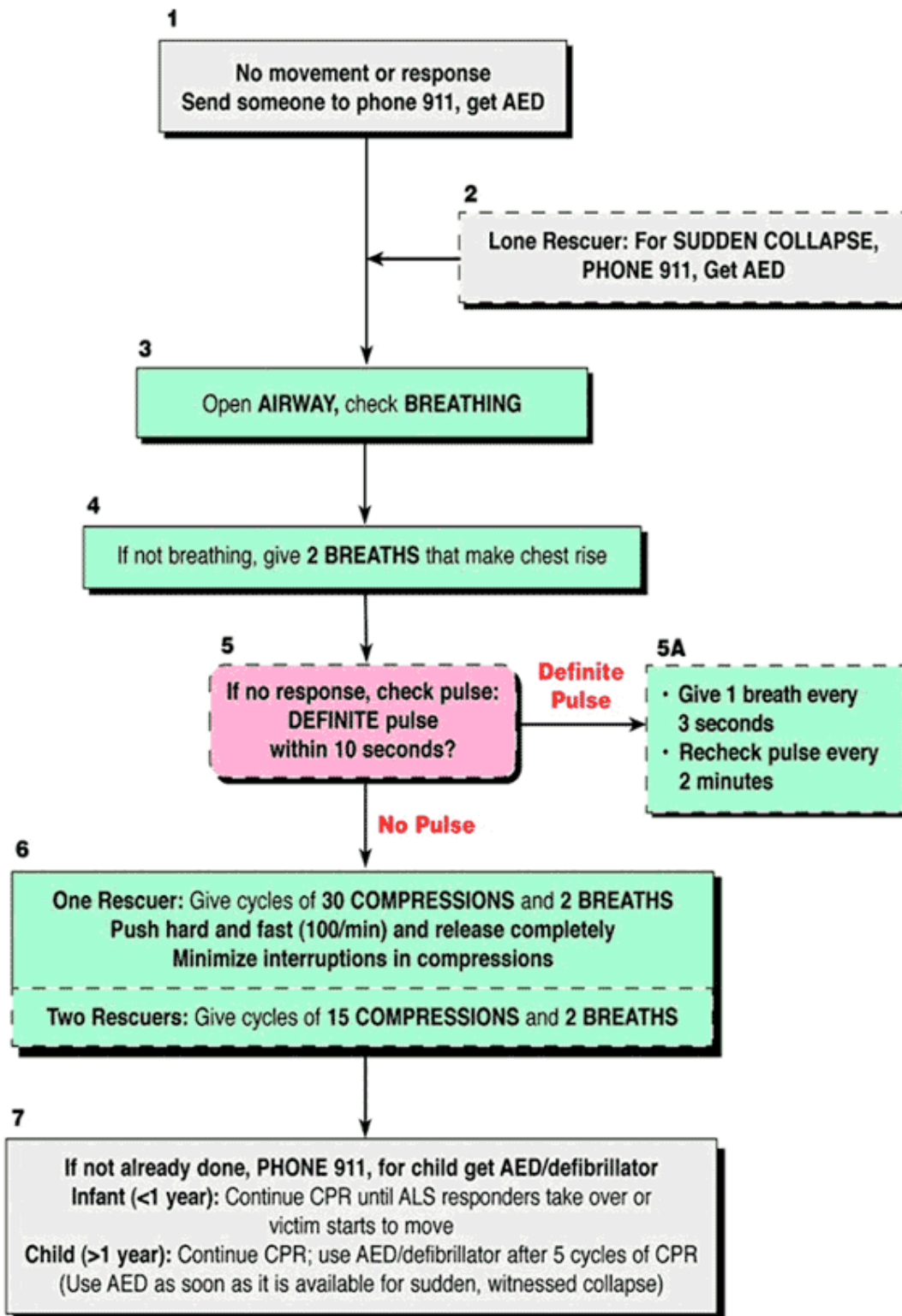
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The SIMEU/ACEP

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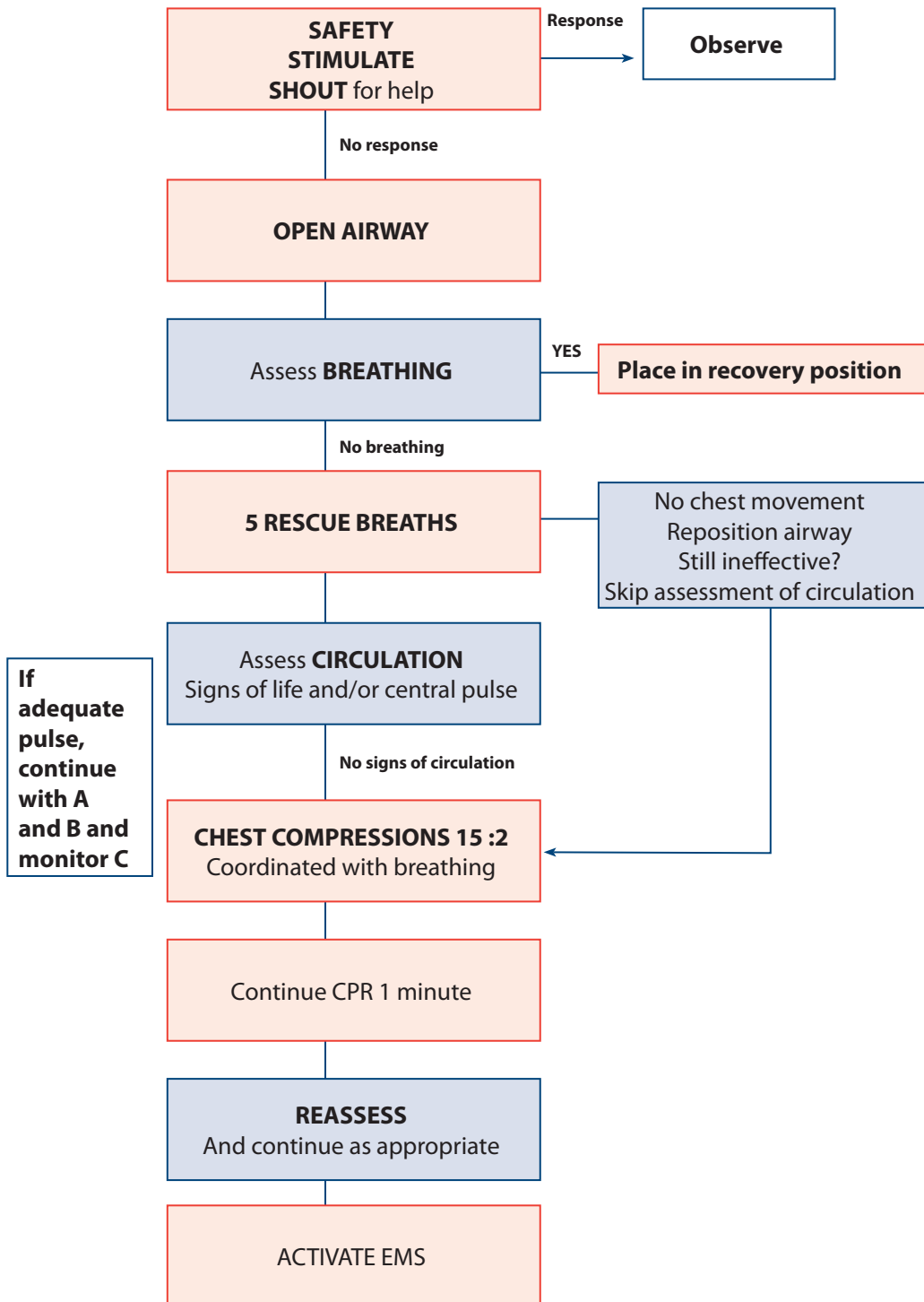


Figure 2.20 Paediatric BLS algorithm

