

Supplementary Table 1. Assessment of the Wikipedia (Wikimedia Foundation) CPR article's content on adult basic life support according to the ERC Research NET checklist

No.	Checklist criteria	Satisfaction of the criteria ^{a)}
Safety		
1.	Does the resource state that the rescuer should make sure that he/she, victim and any bystanders are safe?	Not true
Recognition		
2.	Is cardiac arrest defined as a state when a person is unresponsive with absent or abnormal (agonal) breathing?	True
3.	<i>Response check:</i> Does the resource instruct to shake gently by shoulders and ask loudly to examine if the victim is responsive?	Partially true (video)
4.	<i>Victim's position:</i> Does the resource instruct to position the victim on their back if unresponsive?	Partially true (video)
5.	<i>Airway opening:</i> Is there instruction for head tilt maneuver?	Not true
6.	<i>Airway opening:</i> Is there instruction for chin lift maneuver?	Not true
7.	<i>Breathing check:</i> Does the resource instruct to look for breathing?	True (video)
8.	<i>Breathing check:</i> Is it clear that the rescuer should use a maximum of 10 sec to check breathing?	Not true
9.	<i>Agonal breathing:</i> Does the resource state that agonal breathing should be interpreted a sign of cardiac arrest?	Partially true
10.	<i>Agonal breathing:</i> Does the resource describe agonal breathing pattern (e.g. infrequent, slow, noisy gasps, labored breathing)?	Not true
Call for help		
11.	<i>Call EMS:</i> Does the resource state that the rescuer should immediately ask a helper to call EMS or call themselves when recognizing cardiac arrest?	True (video)
12.	<i>Call EMS:</i> Does the resource instruct to use speaker function (hands-free) on a telephone to start CPR whilst talking to a dispatcher?	True (video)
13.	<i>Send for AED:</i> Does the resource instruct to ask a helper to collect nearest AED?	True (video)
14.	<i>Send for AED:</i> Does the resource state that the rescuer should not leave the victim to collect AED themselves (excepting cases when the rescuer is alone and AED is located close at hand)?	Not true
Chest compressions		
15.	Does the resource instruct to start compressions as soon as possible?	Partially true
16.	<i>Rescuer's position:</i> Does the resource instruct the rescuer to position themselves next to (by the side of) the victim?	Not true
17.	<i>Firm surface:</i> Does the resource instruct to perform compressions on a firm surface if it is possible and not time-demanding?	Not true
18.	<i>Hand position:</i> Does the resource instruct to place the heel of one hand at the center of the chest (lower half of the breastbone)?	True
19.	<i>Hand position:</i> Does the resource instruct to place the heel of other hand on top of the first hand and interlock fingers?	True (video)
20.	<i>Rescuer's position:</i> Does the resource instruct to keep arms straight?	Not true
21.	<i>Rescuer's position:</i> Does the resource instruct the rescuer to position themselves vertically above the victim's chest?	Not true
22.	<i>Compressions depth:</i> Does the resource state the correct depth is 5–6 cm?	True
23.	<i>Compressions rate:</i> Does the resource state the correct rate is 100–120/min?	True
24.	<i>Chest recoil:</i> Does the resource instruct to ensure chest recoil after each compression (release pressure on the chest without losing contact with the chest)?	Partially true
25.	<i>Minimization of pauses:</i> Does the resource state that any pauses in chest compressions should be minimized?	Partially true
26.	<i>Rescuer change:</i> Does the resource state that if possible rescuers should change over about every 2 min (without interrupting chest compressions) to prevent a decrease in compression quality due to rescuer fatigue?	Not True

No.	Checklist criteria	Satisfaction of the criteria ^{a)}
Rescue breathing		
27.	<i>Compression to ventilation ratio:</i> Does the resource instruct to use compression-ventilation ratio of 30:2?	True
28.	<i>Airway opening:</i> Is it clear that the rescuer should open airways again prior to ventilation?	Not true
29.	<i>Airway opening:</i> Does the resource instruct to maintain head tilt and chin lift during rescue breathing?	Not true
30.	<i>Nasal pinch:</i> Does the resource instruct to pinch the nose prior to ventilation?	True
31.	<i>Sealing:</i> Does the resource instruct to place lips around the victim's mouth ensuring airtight seal?	Not true
32.	<i>Ventilations:</i> Does the resource state that each rescue breath should last about 1 sec?	Not true
33.	<i>Ventilations:</i> Does the resource instruct to give a normal breath volume (avoid excessive ventilation)?	Partially true
34.	<i>Ventilations:</i> Does the resource instruct to look for chest rise?	Not true
35.	<i>Ventilations:</i> Does the resource state that the rescuer should take mouth away and turn their head towards the victim's chest to allow and check for passive exhalation?	Not true
36.	<i>Ventilations:</i> Does the resource instruct to give a total of two rescue breaths?	Not true
37.	<i>Resume compressions:</i> Does the resource instruct to resume compressions immediately after the second breath (even if breaths are ineffective)?	Not true
38.	<i>Minimum pause:</i> Does the resource state that compressions shouldn't be interrupted for more than 10 sec to deliver two rescue breaths?	Not true
Defibrillation		
39.	<i>Turn AED on:</i> Does the resource instruct to turn on AED as soon as it arrives?	True (video)
40.	<i>Attach electrodes:</i> Does the resource instruct to attach electrodes to the victim's bare chest?	True (video)
41.	<i>Electrodes position:</i> Does the resource describe correct position for electrodes on the victim's chest?	True (video)
42.	<i>Continue CPR:</i> Does the resource instruct to continue CPR whilst AED is prepared if more than one rescuer is present?	True (video)
43.	<i>Follow instructions:</i> Is it clear that rescuers should follow spoken and visual instructions of AED?	True (video)
44.	<i>Do not touch, analysis:</i> Is it clear that bystanders cannot be in physical contact with the victim during analysis?	True (video)
45.	<i>Do not touch, shock:</i> Is it clear that bystanders cannot be in physical contact with the victim when applying shock?	Not true
46.	<i>Resume CPR:</i> Does the resource state that after shock (or if no shock is advised) the rescuer should immediately resume CPR and continue as directed by AED?	Not true
47.	<i>Minimum pause:</i> Does the resource state that long pauses in compressions should be avoided when applying and using AED?	True (video)
Continuation of CPR		
48.	Does the resource state that CPR should be continuous until a professional tells to stop, the rescuer is exhausted or the victim recovers?	Not true
49.	Does the resource describe signs of victim's recovery (waking up, moving, opening eyes and for sure breathing normally)?	Not true
Choking		
50.	<i>Recognition:</i> Does the resource instruct to suspect choking if someone is suddenly unable to speak or talk, particularly if eating?	NA
51.	<i>Call for help:</i> Does the resource state that the rescuer should immediately ask a helper to call EMS or call themselves when recognizing severe choking?	NA
52.	<i>Coughing:</i> Does the resource instruct to encourage coughing when the victim is conscious and able to cough?	NA
53.	<i>Back blows:</i> Does the resource instruct to give up to five back blows if coughing fails to clear the obstruction or the victim starts to show signs of fatigue?	NA
54.	<i>Back blows:</i> Does the resource describe correct technique for back blows?	NA
55.	<i>Abdominal thrusts:</i> Does the resource instruct to give up to five abdominal thrusts if back blows are ineffective?	NA
56.	<i>Abdominal thrusts:</i> Does the resource describe correct technique for abdominal thrusts?	NA

No.	Checklist criteria	Satisfaction of the criteria ^{a)}
57.	<i>Start CPR:</i> Does the resource instruct to start CPR when the victim is unconscious with absent or abnormal breathing?	NA
58.	<i>Avoid blind finger sweep:</i> Does the resource state that blind finger sweep should be avoided?	NA
59.	<i>Aftercare:</i> Is it clear that the victim successfully treated with abdominal thrusts or chest compressions should be examined by a qualified healthcare practitioner?	NA
Miscellaneous		
60.	<i>Concerns of harm:</i> Does the resource state that lay rescuers should initiate CPR for presumed cardiac arrest without concerns of harm to victims not in cardiac arrest?	Partially true
61.	<i>Other concerns:</i> Does the resource address other barriers to bystanders' willingness to perform CPR (e.g. fear of prosecution, infection, etc.)?	Partially true
62.	<i>Compression-only CPR:</i> Does the resource state that bystanders who are untrained, unable or unwilling to give rescue breaths should give continuous chest compressions without rescue breaths?	True
63.	<i>Dispatcher-assisted CPR:</i> Does the resource address the concept of dispatcher-assisted CPR (in particular, that lay rescuer can actively ask for the assistance)?	Not True

“Choking” section of the checklist was excluded from the assessment since this topic is discussed in a separate Wikipedia article.

CPR, cardiopulmonary resuscitation; EMS, emergency medical services; AED, automated external defibrillator; NA, not applicable.

^{a)}The article’s content was judged in terms of satisfaction of each checklist item wording as “true (completely satisfied),” “partially true (satisfied in part),” or “not true (not satisfied/absent).”