

**ADVANCED CARDIOVASCULAR LIFE SUPPORT (ACLS) TEST
2024**

1. All these are examples of elements of effective team dynamics except.

AHA 2020 ACLS Provider manual page 93-99.

- a. Clear rules and responsibilities
- b. Knowing your limitations
- c. Constructive interventions
- d. Authority assertion

2. Which of the following sentences is an example of Clear Roles and Responsibilities?

AHA 2020 ACLS Provider manual page 93-99.

- a. The team leader encourages information sharing.
- b. The team leader has clearly defined all the team member's roles in the clinical setting.
- c. The team leader calls for assistance early
- d. The team leader continuously revisits decisions about differential diagnoses

3. Which of the following is an example of a Constructive Intervention?

AHA 2020 ACLS Provider manual page 93-99.

- a. A team member must intervene if another team member is about to administer a drug incorrectly.
- b. Team members must share information with each other.
- c. Team members should only give drugs after verbally confirming the order with a team leader.
- d. Team members must always show interest and listen to what others say.

4. Which of the following sentences is an example of Knowing your limitations?

AHA 2020 ACLS Provider manual page 93-99.

- a. Team members accepts only tasks that are within their level of expertise.
- b. Team members accept assistance from others when it is readily available.
- c. A team member suggests an alternative drug or drug confidently.
- d. A team member accepting information that will improve his role.

5. What oxygen saturation should an ACLS provider aim for?

AHA 2020 ACLS Provider manual page 113.

- a. 100% for cardiac arrest patients.
- b. 90% in patients with acute coronary syndrome.
- c. 95% to 98% strokes patients.
- d. 92% to 98% in for post-cardiac arrest care.
- e. All of the above



6. How can the fraction of chest compressions be increased (7)?

AHA 2020 ACLS Provider manual page 93.

7. What is the dose of adrenaline (epinephrine) and how is it given in cardiac arrest (3)?

AHA 2020 ACLS Provider manual page 123, 117.

8. How are the following antiarrhythmic drugs given during cardiac arrest?

AHA 2020 ACLS Provider manual page 124, 117.

Amiodarone: _____

Lidocaine: _____

MgSO₄: _____



9. While performing CPR, what is an important intervention with ETCO₂ that is below 10 mm Hg?

AHA 2020 ACLS Provider manual page 126.

- a. Assess the rhythm.
- b. Improve quality of chest compressions and vasopressor therapy
- c. Increase the amount of joules for defibrillation doses.
- d. Increase the number of ventilations given to the patient.



10. Which of the following drugs may be given via the ET Tube?

AHA 2020 ACLS Provider manual page 126.

- a. Adrenaline (epinephrine)
- b. Vasopressin
- c. Lidocaine
- d. All of the above.

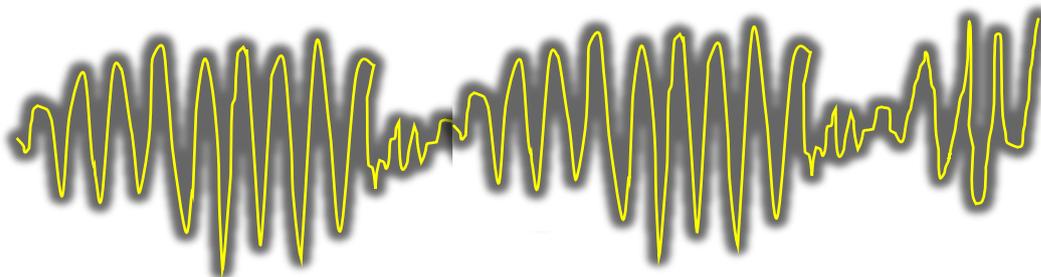
11. What are the 7 important notes for high-quality CPR?

12. What are the possible reversible causes for Cardiac arrest? Pg 87

AHA 2020 ACLS Provider manual page 117, 151.

13. What is the condition in the diagram below, what causes it and what is the treatment?

AHA 2020 ACLS Provider manual page 124.

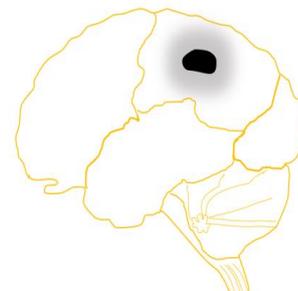


14. What is the Cincinnati Prehospital stroke scale?

AHA 2020 ACLS Provider manual page 46.

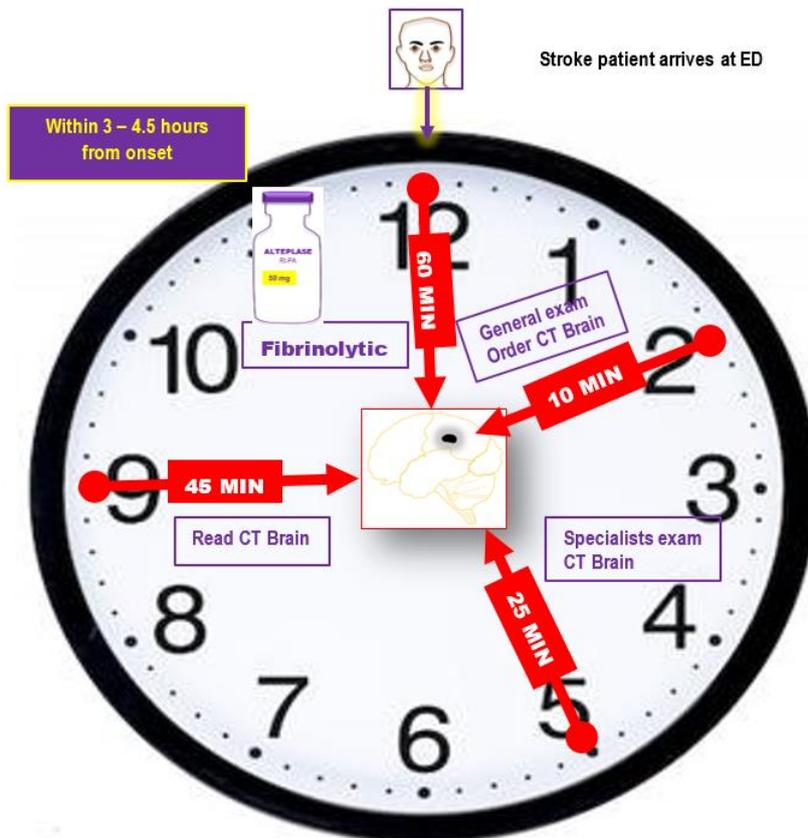
15. What are the 8 D's of stroke care?

AHA 2020 ACLS Provider manual page 46.



16. What are the NINDS critical time periods in the management of a stroke patient?

AHA 2020 ACLS Provider manual page 47.



17. What is definition of an STEMI?
AHA 2020 ACLS Provider manual page 39.

18. What is the definition of NSTEMI-ACS?
AHA 2020 ACLS Provider manual page 39.

19. While managing an ACS patient what contraindications should you consider before administering nitroglycerin to the patient.
AHA 2020 ACLS Provider manual page 39.

20. What is the dose of aspirin in ACS patients?
AHA 2020 ACLS Provider manual page 39.



21. What is a major contraindication for the administration of aspirin in an ACS patient?
AHA 2020 ACLS Provider manual page 39.

22. What is the major cause of intra cerebral bleeding and major haemorrhage in STEMI patients with regards to the drugs shown below?
AHA 2020 ACLS Provider manual page 39.



- a. Delayed administration.
- b. Inappropriate dosing and monitoring.
- c. Ignorance of the contraindication.
- d. None of the above.

23. Which of the following drugs may be used to manage hypertension in stroke patients who are alteplase candidates?

AHA 2020 ACLS Provider manual page 65.

- a. Labetalol
- b. Nicardipine
- c. Clevidipine
- d. Hydralazine
- e. All of the above

30. In the management of bradycardia, Atropine doses is less than 0.5 mg can result in:

- a. Paradoxical bradycardia
- b. Paradoxical tachycardia
- c. Anaphylactic reactions
- d. None of the above.

31. What is the dosage of Adrenaline (epinephrine) during the management of Bradycardia?

AHA 2020 ACLS Provider manual page 69.

- a. 0.5 mg
- b. 1 mg
- c. 2-10 mcg/min
- d. 5-20 mcg/kg/min

32. What is the dosage of dopamine during the management of Bradycardia?

AHA 2020 ACLS Provider manual page 69.

- a. 0.5 mg
- b. 1 mg
- c. 2-10 mcg/min
- d. 5-20 mcg/kg/min

33. If unstable bradycardia does not respond to atropine, then consider the following options except:

AHA 2020 ACLS Provider manual page 74.

- a. Transcutaneous pacing
- b. Synchronised cardioversion
- c. Dopamine 5-20 mcg/kg /min
- d. Adrenaline (epinephrine) 2- 10 mcg/kg/min

34. Management of stable bradycardia includes the following:

AHA 2020 ACLS Provider manual page 74.

- a. Atropine 1 mg every 3 to 5 minutes to a maximum of 3 mg
- b. Monitoring and observing
- c. Dopamine 5-20 mcg/kg /min
- d. Adrenaline (epinephrine) 2- 10 mcg/kg/min

35. How is adenosine administered for tachycardia with a pulse?

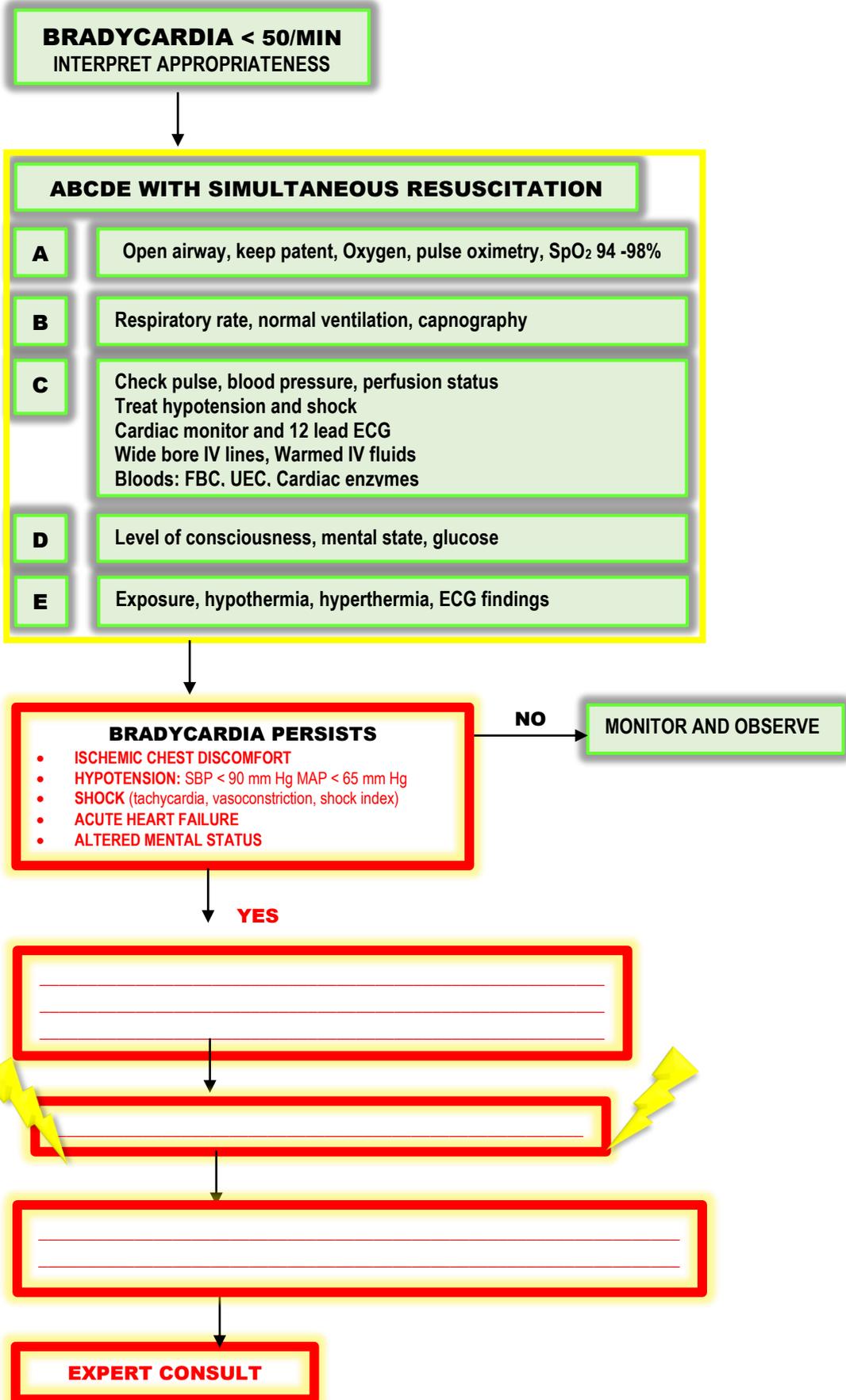
AHA 2020 ACLS Provider manual page 88.

36. All the following anti-arrhythmic infusions for stable white are advised for stable white QRS tachycardia except

- a. Amiodarone
- b. Magnesium sulphate
- c. Procainamide
- d. Sotalol

37. Complete the algorithm.
AHA 2020 ACLS Provider manual page 69.

BRADYCARDIA ALGORITHM



38. Complete the algorithm.
AHA 2020 ACLS Provider manual page 153.

