

**1. In Paediatric Cardiac Arrest how long do you have to palpate for pulse before starting the chest compressions?**

**2. What is the ventilation compression ratio in children older than neonates:**

**Two rescuer:**

**One rescuer:**

**3. If the child is <1 which pulse should be monitored?**

**4. How do you estimate a child weight based on age?**

**5. What is the initial energy setting on defibrillator for each of the following:**

**Pulseless VT/VF**

**Unstable SVT**

**Pulsatile VT**

**6. What are the drug doses for the following resuscitation drugs:**

**Adrenaline IV:**

**Adrenaline I/O**

**Amiodarone:**

**Atropine:**

**HCO<sub>3</sub>**

**Suxmaethonium in Neonates:**

**Child:**

**Adult:**

**Midazolam IV:**

**Glucose for hypoglycaemia IV:**

**7. What are the differences between adult and children in insertion technique for Guedel airway?**

**8. What are the different sizes of self inflating bags and for which age group?**

**9. What is estimated calculated ETT depth at the lips for children?**

**10. Until what age Cricothyroid Puncture is the preferred method for oxygenation in difficult airway?**

**11. How much is the initial fluid resuscitation in a child in circulatory shock?**

**And what is the maximum volume before starting inotrops or blood if hypovolemia is ruled out?**

**12. What is the dose of Pack Cell in children?**

**13. What is the dose for platelets?**

**14. What is the fluid maintenance for 25 kg child in 24 hours and what type of fluid?**

**15. What are the likely complications of I/O access line in children?**

**16. What are the differences between paediatric and adult trauma associated injuries ?**

**17. How do you roughly calculate ICC size in children?**

**18. What are the causes of a critically ill neonate?**

**19. How do you calculate APGAR score?**

**20. What is the algorithm for neonatal resuscitation?**

**21. What is the ratio between chest compressions and ventilation in neonates?**

**22. How many chest compressions and breath you will do in one minute in a neonate?**

**23. What is the initial O2 Saturation in a term neonate?**

**24. How many minutes after delivery the O2 sats reading is 85-90%?**

**25. What is the APGAR Score at 1 min correlates with?**

**26. APGAR score in 5 min correlates with what?**

**27. What is the minimal APGAR score that the neonate will not require any intervention?**

**28. What is the IV access in order of preference?**

**30. How many artery and vein does the normal umbilicus have?**

**31. How many days after life can umbilical cord be used for IV access?**

**32. In emergency situation using umbilical access what type of catheter and what is the depth of insertion?**

**33. What are the non-pharmacological pain management?**

**34. What is the dose of Morphine, Fentanyl in children?**

**35.What are the key management steps in patients with chronic pain?**

**36.How many mg present in 1 ml of 10% lignocaine?**

**37.What is the duration of action of Lignocaine?**

**38.what is the safe maximum dose of Lignocaine with and without Adrenaline?**

**39.Regarding local anaesthetic agents:  
Prilocaine safe dose?**

**Ropivacaine safe dose:**

**40.Demonstrate :**

**digital block?**

**Other blocks**

**Median nerve**

**Ulnar nerve**

**Radial nerve**

**Tibial nerve**

**Fascia iliaca block**

**41. Intravenous regional anaesthesia indications?**

**Contraindications:**

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