

MCQ's: Pulse Oximeter

1. What are the appropriate alarm limits for saturation in neonates?
 - a) 95 - 99%
 - b) 85 - 95%
 - c) 80 - 85%
 - d) 98 - 100%

2. Life of flex or wrap probe is
 - a) 6 months
 - b) 12 months
 - c) 2 years
 - d) 3 years

3. Saturation monitors are useful for all EXCEPT:
 - a) Quantification of central cyanosis
 - b) Monitoring a baby for apnea
 - c) Cardio pulmonary resuscitation
 - d) Use in delivery room during resuscitation

4. A baby has central cyanosis, the paO_2 is 40 mm of Hg, saturation is likely to be
 - a) 80-85 %
 - b) 70-75%
 - c) < 50%
 - d) None of the above

5. All are true about perfusion index EXCEPT
 - a) It is the ratio between pulsatile and non pulsatile component of pulse oximetry signal
 - b) Changes occur with local vasoconstriction and vasodilatation
 - c) If PI is low it means that the saturation is falling
 - d) It can be used to choose the site for probe placement

6. Probes are disinfected using
 - a) 2% glutaraldehyde
 - b) Povidone iodine
 - c) 70% alcohol
 - d) Distilled water

7. Non uniform waves could occur due to all except
 - a) Motion
 - b) Falling SpO_2
 - c) Presence of BP cuff proximally
 - d) Error in probe fixation