

MCQ CRISIS INTERVENTION

1) Sexual assault does not include

- a) rape
- b) forced sexual activity that does not result in penetration
- c) oral or anal intercourse
- d) flashing ones genitalia at the victim
- e) attempted rape

2) Which statistics are incorrect with regard to sexual assault?

- a) 90% of victims of sexual assault are women
- b) 98% of offenders are men
- c) 1.5% of the adult women are sexually assaulted each year
- d) 25% of sexual assault victims report the incidence to police
- e) less than 5% of sexual assault victims need admission to hospital

3) The definition of rape is?

- a) penile penetration of the labum majus
- b) penile penetration of the labum minora
- c) penile penetration of the distal most walls of the vagina
- d) deep penile penetration of the vagina
- e) does not require any of the above

4) Most non genital injuries of sexual assault are found on the

- a) head
- b) arms
- c) chest
- d) back
- e) legs

5) Which is true with regard to specimen collection of a sexual assault?

- a) vaginal and cervical swabs are taken with a wet swab stick and plated onto slides. Both slide and swab are included for evidence
- b) semen on the skin is collected by using a wet swab stick then a dry swab stick, both are plated onto slides and all swabs and slides are included for evidence
- c) a dry swab stick rubbed in the buccal mucosal is insufficient to gain pt DNA for comparison
- d) pt blood collected for drug analysis put into normal hospital collection tubes bit these tubes go with the police for forensic assessment
- e) finger nails scrapings must be rubbed on a glass slide at the time of collection

6) The risk of becoming pregnant from a rape is

- a) 15%
- b) 10%
- c) 7.5%
- d) 5%
- e) 2.5%

7) Which is false?

- a) the likelihood of getting sperm from the vagina at 72 hours is very low
- b) acid phosphatase is normally found in both seminal fluid and vaginal fluid
- c) acid phophatase can be detected in the vagina for up to 14 hours
- d) PSA can be detected in the vagina for up to 48 hours
- e) A police officer, usually female, must be present at the examination to ensure the 'chain of evidence' is continued

8) How should the morning after pill be taken?

- a) two OCP each containing ethinyl oestradiol 50micrograms within 12 hours of sexual intercourse and two more taken at 72 hours post sexual intercourse
- b) two such pills taken as a single dose within 72 hours of sexual intercourse
- c) two such pills taken within 72 hours of sexual intercourse and two more taken twelve hours later
- d) two pills taken at twelve hours post sexual intercourse and two more taken 72 hours later
- e) two pills taken with 12 hours of sexual intercourse does not require a second dose

9. With regards to the forensic medical examination of a sexual assault which is false?

- a) Photography of genitalia is not allowed routinely
- b) Each item of clothing that a person is wearing must be placed in a separate bag, they cannot be put in the same bag
- c) All clothes and specimens should be handed directly to the attending police officer
- d) The results of the forensic tests are available for the victim if they approach the VIFM
- e) Informed consent for specifically for specimen collection is required

10) Which is incorrect with regards to death in the ED?

- a) rarely should any information about death be given over the telephone
- b) one a pt is dead organ donation is no longer possible
- c) generally sedatives should not be given to a grieving relative as it only lengthens the grieving process
- d) brain death is the time that brain death is established not when life support is ceased
- e) a relative at the bedside during a resuscitation has been shown to be beneficial when coping with the pts death

11.) With regards to domestic violence which is false?

- a) 95% of the time the women is the victim
- b) 30 – 50% of reported cases of spousal abuse also report child abuse
- c) one of the lowest risk times for domestic violence is during pregnancy
- d) injuries especially include head and neck
- e) it is more common in women of colour and poverty

12. Which of the below is not very suggestive of domestic violence?

- a) forearm fracture
- b) substantial delay between injury and seeking medical attention
- c) facial trauma
- d) multiple injuries in different stages of healing
- e) fractured first metatarsal

13. Regarding SIDS which is a false statement?

- a) the peak incidence is between the ages of 2-3 months
- b) the incidence is 0.5:1000 live births
- c) it is the leading cause of death between 1 month and one year
- d) 80% of cases occur prior to 8 months of age
- e) the incidence in the aboriginal population is twice that of Caucasian Australians

14. Which subgroup of infants are NOT at an increased risk of SIDS?

- a) term infants who have had an ALTE
- b) Premerature, low birth weight babies
- c) Siblings of an infant that died of SIDS
- d) Infants whose mothers smoke (but did not smoke during the pregnancy)
- e) Babies who sleep in a prone position

15. Which is not true with regard to SIDS?

- a) up to 10% of multiple SIDS deaths are due to child abuse
- b) botulinum toxin may be implicated in a small percentage of SIDS deaths
- c) There is no relationship between infantile apnoea and SIDS
- d) Death is a respiratory arrest not a cardiac arrest

e) Vaccinations are not associated with an increased risk of SIDS

16. Which is not currently considered a likely aetiology for SIDS?

- a) airway obstruction
- b) central apnoea
- c) rebreathing of expired gases
- d) arousal deficit
- e) thermal stress

17. Which statement is correct with regards to an ALTE?

- a) there is no relationship between these babies and those that die of SIDS
- b) zanthine derivatives have been proven to be useful in both preterm babies who experience apnoea and term babies who have an ALTE
- c) home apnoea monitors are proven to decrease the risk of SIDS in babies who experience a true ALTE
- d) the definition of an ALTE includes infection with RSV
- e) the degree of resuscitation required at home is of no help in distinguishing between an ALTE and other causes of apnoea

18. With regards to ecchymoses which is a false statement?

- a) day 1-5 they are reddish/blue in colour
- b) day 6 they are brown
- c) day 7- 10 they are yellow
- d) they usually have resolved by day 14
- e) a bruise usually develops within 1 hour of an injury

19. Which site of bruising would make you suspicious of child abuse?

- a) anterior shins
- b) knees
- c) upper arms
- d) elbows
- e) forehead

20. Which fracture would not make you concerned re NAI in a 2 year old?

- a) Metaphyseal chip fracture of humerus
- b) Spiral fracture of a femur
- c) Fractured ribs
- d) Multiple fractures
- e) Transverse fracture midshaft of radius and ulna

21. Which is not an injury you would associate with NAI in a 2 year old?

- a) Lacerated frenulum of the tongue
- b) Trauma to pinna of ear
- c) Hyphema
- d) Laceration through eyebrow
- e) Liver contusion

22. If you suspected a child of a NAI what investigation would not usually be appropriate?

- a) FBE
- b) Clotting
- c) Bone scan if child less than three years
- d) Platelet count
- e) CUE

23. In Shaken Baby Syndrome you would NOT find?

- a) a comatose baby with no signs of trauma
- b) acute subdural haematoma
- c) retinal hemorrhages
- d) upper arm bruising
- e) fractured long bones of lower limbs

24. What Xray is not routinely included in a skeletal survey?

- a) long bones
- b) thoracolumbar vertebrae
- c) ribs and clavicles
- d) fingers and toes
- e) skull

25. Examining a girl who is victim of sexual assault, which is false?

- a) they are usually examined in the frog leg position
- b) the use of a small speculum is usually advocated
- c) general anaesthetic should only be used if internal injuries requiring surgical repair are suspected
- d) the hymen can be best seen without instrumentation and the girl supine with her knees drawn to her chest
- e) semen fluoresces with a Woods Lamp

ANSWERS

1)D	2)D	3)A	4)A	5)B	6)D
7)E	8)C	9)D	10)B	11)C	12)E
13)E	14)D	15)C	16)B	17)C	18)B
19)C	20)E	21)D	22)E	23)E	24)B
25)B					