

The CPD programme for SAJCH is administered by Medical Practice Consulting.
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Regarding carers' knowledge of treatment of severe acute malnutrition (SAM)

- Which statements are true about therapeutic feeding programmes (TFPs)?
 - A default rate of more than 15% is acceptable in TFPs.
 - A child who misses two consecutive weekly visits in an outpatient TFP is considered a defaulter.
 - Hypothermia is associated with a high mortality rate among acutely malnourished children.
 - SAM contributes to 50% of deaths in under-fives in emergency contexts.

Regarding parenting stresses in caring for children with autism spectrum disorders (ASD)

- Which statements are true about ASD?

ASD is a neurodevelopmental disorder characterised by:

 - repetitive behaviours that occur alongside with limitations in communication
 - overeating
 - muscle syndrome.
- Is the following statement true or false?

Research indicates that parents raising children with neurodevelopmental disorders experience stress and some elevated levels of depression.

 - True
 - False.

Regarding adherence to acute asthma guidelines

- The most common viral infection that triggers an acute asthmatic exacerbation is:
 - coronavirus
 - adenovirus
 - respiratory syncytial virus
 - rhinovirus.
- Chest radiography should be performed in:
 - all patients presenting with acute asthma exacerbations
 - infants presenting with an acute exacerbation of asthma
 - patients who have failed to respond to standard therapy
 - patients who require intravenous corticosteroid therapy.
- The recommended first-line treatment for an acute exacerbation of asthma is:
 - oral corticosteroids
 - short acting B₂-agonists
 - supplemental oxygen
 - antibiotics.

Regarding the Road-to-Health booklet (RTHB) assessment and completion challenges faced by nurses in rural primary healthcare facilities

- In this study, the highest completed sections of the RTHB were:
 - weight × age growth chart section
 - head circumference section
 - weight × length/height chart section
 - immunisation section.
- One of the significant contributors to the death of under-five children is:
 - malnutrition
 - congenital abnormalities
 - accident
 - none of the above.

Regarding HIV prevalence at birth in very-low-birthweight infants

- The most notable risk factor for HIV transmission is:
 - prematurity
 - birthweight
 - maternal age
 - HIV viral load.
- In utero* HIV transmission:
 - is estimated to be 1.1% in South Africa (SA)
 - is low, even if there is poor maternal compliance
 - is estimated to be 1.4 % in SA
 - only occurs in high-risk pregnancies.
- Limitations of this study include:
 - only four newborns were tested for HIV
 - repeat HIV polymerase chain reaction (PCR) was done at 10 weeks
 - nevirapine given immediately after birth can decrease the viral load significantly, rendering a negative HIV PCR test result
 - all newborns were tested immediately after birth.

Regarding cumulative mild traumatic brain injury in young adolescent rugby players

- How long can post-concussive symptoms last after a contact sport injury?
 - 1 hour
 - 24 hours
 - 1 week
 - 3 months.
- What are the reasons for under-reporting of the incidence of child and adolescent rugby concussions?
 - Players may not want to appear to be the weak link in the team.
 - Players believe that they must lose consciousness.
 - Fear that players may lose their place in the team.
 - All of the above.

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Factors influencing adolescent use of over-the-counter cough syrup

14. According to the SA Children's Act, adolescents can access over-the-counter medications:
- from 18 years old, when they become adults
 - from 12 years old, with the explicit consent of a parent or legal guardian
 - from 12 years old, without parental consent if they have sufficient maturity
 - the Children's Act only deals with prescription medication.
15. This study found that:
- one-quarter of the sample had used over-the-counter cough medicine (OTTCM) recreationally
 - participants reported accessing OTTCM illegally
 - participants were aware of the adverse health effects of OTTCM
 - participants used OTTCM instead of alcohol because they did not want to feel drunk.
16. Which of the following statements is true?
The Codeine Care Initiative:
- provides on-site pharmaceutical support to those misusing codeine.
 - recommends requesting proof of identity from those wanting to purchase codeine-based products
 - reports adolescent misuse of codeine-based products to authorities
 - argues for a total ban of codeine-based products in SA.

Regarding fibroblast growth factor-23 (FGF-23) and fetuin-A in black SA children with chronic kidney disease (CKD)

17. Which of the following statements about fetuin-A are true?
- It is a glycoprotein produced by the liver.
 - Serum levels are increased in a pro-inflammatory uraemic environment.
 - It is a key circulatory inhibitor of ectopic calcification.
 - Lower serum levels have been reported with declining kidney function.
 - It is also known as α 2-Heremans-Schmid glycoprotein.

18. Which of the following statements about FGF-23 are true?
- It is produced by the liver.
 - It regulates phosphate levels in the body by suppressing phosphate reabsorption.
 - FGF-23 serum levels decrease with declining kidney function.
 - Klotho inhibits FGF-23 effects in the body.
 - It has been associated with mineral and bone disorder observed in chronic kidney disease.

Regarding infant deaths

19. Sudden infant death syndrome (SIDS) is a diagnosis that can only be made after:
- death scene investigation
 - clinical history review
 - full autopsy
 - all of the above.
20. Which of the following are risk factors for sudden unexpected death in infancy (SUDI)?
- prematurity
 - co-sleeping
 - sleeping in the supine position
 - exposure to tobacco smoke.

Regarding the treatment of childhood Hodgkin lymphoma

21. What is the fundamental histological feature of Hodgkin's disease?
- presence of Reed-Sternberg giant cells
 - presence of small monomorphic cells
 - presence of small round cells
 - absence of atypical cells.
22. What was the overall survival rate for patients included in this study?
- 15%
 - 30%
 - 100%
 - 82%.

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