

The CPD programme for SAJCH is administered by Medical Practice Consulting.
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Understanding the need for paediatric DR-TB formulations in South Africa

1. What is a significant challenge in treating drug-resistant tuberculosis (DR-TB) in children?
 - A. Lack of healthcare facilities
 - B. Inaccessibility of adult medications
 - C. Absence of child-friendly formulations
 - D. Overdiagnosis of the disease
2. Which organization has contributed to making child-friendly formulations of second-line TB drugs available globally?
 - A. World Health Organization (WHO)
 - B. Global Drug Facility (GDF)
 - C. South African Health Products Regulatory Authority (SAHPRA)
 - D. Stop TB Alliance

Caregivers' knowledge of pneumonia and diarrhoea in children under five in the Vhembe District, Limpopo Province

3. What percentage of caregivers in the study agreed that good hand hygiene could prevent diarrhoea in children under five?
 - A. 66.7%
 - B. 73.6%
 - C. 78.6%
 - D. 82.1%
4. What was a significant finding regarding caregivers' knowledge of diarrhoea management with enemas?
 - A. Only 10% of caregivers agreed enemas could treat diarrhoea.
 - B. Approximately one-third of caregivers believed enemas could treat diarrhoea.
 - C. The majority of caregivers supported the use of enemas for diarrhoea.
 - D. No caregivers in the study agreed with using enemas to treat diarrhoea.

Nutritional adequacy in rural Limpopo Province, South Africa: Maternal and child dietary diversity in the context of perinatal HIV exposure

5. What are the primary factors contributing to malnutrition in children living in sub-Saharan Africa?
 - A. Food insecurity, poverty, and exposure to infectious diseases like HIV
 - B. Lack of education, poor hygiene, and climate change

- C. Inadequate water supply, urbanization, and deforestation
- D. Poor sanitation, lack of healthcare, and low birth weight

6. How has antiretroviral therapy (ART) impacted the transmission of HIV?

- A. Completely eradicated HIV transmission
- B. Eliminated transmission through breastfeeding
- C. Almost eliminated in-utero HIV transmission
- D. Prevented transmission during delivery

Comparison of specific IgE against allergen components measured on the ALEX2® Allergy Explorer and the ImmunoCAP™ ISAC multiplex assays

7. What is a primary advantage of the ALEX2® assay over the ISAC™ assay?
 - A. It tests for alpha-gal allergen components.
 - B. It includes CCD inhibition to reduce clinically irrelevant cross-reactivity.
 - C. It uses a singleplex format for better sensitivity.
 - D. It only detects high-affinity antibodies.
8. What percentage of food components showed very good Kappa agreement between the ISAC™ and ALEX2® assays?
 - A. 33.33%
 - B. 58.33%
 - C. 52.94%
 - D. 72.73%

A prospective analysis of the outcomes of extremely low birth weight neonates in Bloemfontein, South Africa

9. Which factor was found to contribute significantly to the mortality of ELBW neonates in the study?
 - A. Limited access to mechanical ventilation
 - B. Lack of antenatal care
 - C. Hypothermia and sepsis
 - D. Prolonged rupture of membranes
10. Which pathogen was most commonly associated with late-onset neonatal sepsis (LONS) in the study?
 - A. *Escherichia coli*
 - B. *Klebsiella pneumoniae*
 - C. *Acinetobacter baumannii*
 - D. *Serratia marcescens*

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A case of congenital diaphragmatic hernia, limb-reduction defects and other abnormalities

11. What is the estimated incidence of congenital diaphragmatic hernia (CDH) at birth?
- A. 0.8 - 5 per 1 000 births
 - B. 0.8 - 5 per 10 000 births
 - C. 8 - 15 per 10 000 births
 - D. 1 - 3 per 100 000 births
12. In the case report, what congenital defect was observed in the infant's right hand?
- A. Syndactyly of the index and third finger
 - B. Pre-axial polydactyly
 - C. Hypoplasia of the thumb
 - D. Absence of the fifth digit

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