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Losses of children's cognitive potential over time: A South African example

1. The results of the study show:
 - a. that children's cognitive development matched the global mean (SD) on the Bayley Scale at 18 months of age.
 - b. a consistent decline in cognitive developmental potential with age.
 - c. no intervention effects on any child measures at any assessment beyond the 18-month follow-up assessment.
 - d. all of the above.

Adolescent self-consent to medical interventions in South Africa

2. True or false?

The authors suggest that the law on medical treatment is in conflict with the findings of van Heerden et al.

Cultural and linguistic applicability of the English PEDS tools in a low-income community: A caregiver perspective

3. Popular developmental screening tools adapted and translated for use internationally include the:
 - a. Denver Developmental Screening Test.
 - b. Ages and Stages Questionnaire (ASQ).
 - c. Parents Evaluation of Developmental Status (PEDS).
 - d. All of the above.

Hypothermia in preterm very-low-birthweight infants in a neonatal care unit of a tertiary hospital in Limpopo Province, South Africa

4. Factors associated with hypothermia on admission included:
 - a. Birthweight
 - b. Season
 - c. Maternal age
 - d. None of the above.

Nucleated red blood cells in neonates with hypoxic ischaemic encephalopathy treated with hypothermia: A worthwhile prognostic biomarker for clinicians in LMIC?

5. The study demonstrated:
 - a. an association between low nRBC count (<30 cells/100 WBCs) and normal outcomes at 1 year.
 - b. significant correlation between nRBC category and HIE severity.
 - c. infants with nRBC counts ≥ 30 cells/100 WBCs had an increased likelihood of having cerebral palsy.
 - d. All of the above.

Iodine status, including breastmilk iodine content, of lactating mothers and their infants aged 0 to 6 months in Vhembe and Mopani districts of the Limpopo province, South Africa

6. The results show that:
 - a. iodised salt is a major contributor to iodine status in lactating mothers and their infants.

- b. most lactating mothers in the present study had BMIC levels <75 $\mu\text{g/L}$.
- c. the majority of participants reported that they had no knowledge of the iodisation process.
- d. HHSIC was a positive predictor of BMIC.

In-hospital neonatal mortality in a level-2 hospital in Cape Town, South Africa

7. The results of the study showed:
 - a. that perinatal hypoxia was a more common cause of death among inborn neonates compared with outborn neonates.
 - b. the mean number of deaths due to immaturity before 2014 was significantly more than the mean number of deaths after 2014.
 - c. 'immaturity' was the most commonly coded cause of death.
 - d. the majority of neonates who died were delivered by caesarean section.

RSV bronchiolitis in 2018: A descriptive study of children admitted to two Johannesburg tertiary hospitals

8. Risk factors for bronchiolitis include:
 - a. male gender
 - b. congenital lung disease of infancy
 - c. neuromuscular disease
 - d. lack of breastfeeding.

Outcome of two cohorts with nephroblastoma treated with consecutive International Society of Paediatric Oncology protocols in a South African paediatric oncology unit

8. Complication rates for nephroblastoma surgery was associated with:
 - a. whether the tumour extended into the inferior vena cava or right atrium
 - b. whether a different surgical approach was used
 - c. the size of the tumour being larger than 15 cm
 - d. whether the surgery was performed by a general surgeon instead of a paediatric surgeon.

Profiles of patients with myelomeningocele admitted to the neonatal unit at Universitas Academic Hospital in Bloemfontein, South Africa

9. True or False?

The authors cite a lack of quality antenatal care and access to antenatal sonars as barriers to early detection of MMC.

A baseline assessment of developmental delays among children under 5 years in a high-HIV- prevalence setting in the Cape Metropole

- 10 True or False
The fine-motor domain had the highest prevalence of developmental concerns among the age groups.

A maximum of 3 CEUs will be awarded per correctly completed test.

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