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## Quality of neonatal cranial ultrasound interpretation among paediatric and neonatal trainees in the West Metro of Cape Town: A clinical survey

1. What was the primary objective of the study discussed in the article?
  - A. To evaluate the effectiveness of neonatal cranial ultrasound in detecting brain injury
  - B. To establish national guidelines for neonatal cranial ultrasound training
  - C. To assess the level of training, skills, and knowledge in performing and interpreting neonatal cranial ultrasound
  - D. To compare training practices across multiple provinces in South Africa
2. Which method was primarily used for data collection in the study?
  - A. Surveys and questionnaires
  - B. Clinical trials with randomized control groups
  - C. Retrospective data analysis from hospital records
  - D. Laboratory-based experimental procedures

## Clinical, laboratory and echocardiographic parameters suggestive of multi-system inflammatory syndrome in children at a tertiary hospital in South Africa

3. Some laboratory parameters suggestive of likely MIS-C include:
  - A. An abnormal platelet count
  - B. An abnormal sodium
  - C. High urea
  - D. All of the above.
4. According to the study, which factor was identified as a significant contributor to the condition being investigated?
  - A. Poor sanitation and hygiene
  - B. Lack of breastfeeding practices
  - C. Genetic predisposition
  - D. Air pollution

## Parenting experiences of parents of children with ADHD, in grades 1 to 3, during the COVID-19 lockdown in South Africa

5. Global studies found that children with ADHD in lockdown had :
  - A. Increased depression
  - B. Self-harming behaviours and anxiety
  - C. Exercised less and engaged more in social media

D. All of the above.

6. The four themes emerging from the data were:

- A. Family implications, physical and mental health implications, occupational and educational implications, effective techniques.
- B. Family implications, social implications, occupational and educational implications, effective techniques.
- C. Social implications, physical and mental health implications, occupational and educational implications, effective techniques
- D. Family implications, physical and mental health implications, occupational and educational implications, social implications.

## Diagnostic utility of lung ultrasound in preterm neonates with respiratory distress at a tertiary neonatal intensive care unit in South Africa

7. What was the main focus of the study in the article?
  - A. To evaluate the effectiveness of cranial ultrasound in diagnosing neonatal infections
  - B. To assess knowledge and training in cranial ultrasound among pediatric and neonatal trainees
  - C. To compare ultrasound use between public and private neonatal units
  - D. To investigate the prevalence of brain abnormalities in neonates
8. According to the findings, which factor was identified as a major contributor to the condition studied?
  - A. Environmental pollution
  - B. Poor nutritional intake
  - C. Inadequate access to healthcare services
  - D. Genetic predisposition

## Cavernous haemangioma causing high-output cardiac failure in a neonate

9. What was the main clinical complication caused by the cavernous haemangioma in the neonate described in the case report?
  - A. Neonatal encephalopathy
  - B. High-output cardiac failure (HOCHF)
  - C. Pulmonary embolism
  - D. Severe hypoglycemia
10. What condition was suspected due to the low platelet count in the neonate with the large haemangioma?
  - A. Hemophilia A

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- B. Disseminated intravascular coagulation (DIC)
- C. Kasabach-Merritt phenomenon (KMP)
- D. Immune thrombocytopenic purpura (ITP)

**Combination of aripiprazole and valproate in children with tic disorders: Case series**

11. What is the primary function of aripiprazole in treating tic disorders?
- A. Blocking glutamate release in the basal ganglia

- B. Acting as a dopamine receptor partial agonist
- C. Enhancing serotonin levels in the brain
- D. Inhibiting acetylcholine receptors in the motor cortex

12. According to the case report, what factor commonly exacerbates tic disorders in children?

- A. Increased exposure to bright lights
- B. High carbohydrate intake
- C. Emotional stress and lack of sleep

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