CPD Challenge

Questions

1. Which of the following statements are TRUE or FALSE concerning what is known about COVID-19 pandemic?

- a. While mother-to-child transmission of COVID-19 can occur in utero, intrapartum and in early postpartum period, vertical transmission is rare.
- b. COVID-19 vaccine effectiveness peaks a few weeks after the 2nd dose but will fall by 20 weeks.
- Although Ivermectin has been fronted as one of the therapies in the treatment of COVID-19, its officiousness has not yet been fully established.
- d. While prone positioning of patients with severe acute respiratory distress is considered a gold standard of care, the role of this strategy in ameliorating outcomes in less critical patients remains unclear.
- e. All TRUE

Please indicate which of the following are TRUE or FALSE regarding the appropriate treatment of cryptococcal meningitis.

- a. Amphotericin B remains the backbone of treatment of cryptococcal meningitis.
- Standard treatment of cryptococcal meningitis is amphotericin B deoxycholate plus flucytosine, followed by fluconazole.
- Single-dose liposomal amphotericin B is superior to WHO recommended standard treatment of cryptococcal meningitis.
- d. Although amphotericin B is efficacies for the treatment of cryptococcal meningitis, it remains notorious for its toxicity, and highly dependent on the length of exposure.
- e. All TRUE

3. Which of the following are TRUE or FALSE regarding the things to consider in the management of high blood pressure?

 Greater exposure to thiazide-type diuretics and reninangiotensin system (RAS) blockers are associated with

- a reduction in adverse cardiovascular events such as heart failure and myocardial infarction.
- b. The targets for intensive blood pressure control are a systolic BP of less than 130 mmHg.
- Intensive systolic pressure control does not increase the risk of stroke.
- d. There is always a risk of stroke with aggressive reduction of systolic pressure to less than 130 mmHg.
- e. To avoid any risk of stroke is recommended to always aim to systolic targets between 130-149 mmHg.

Which of the following statements are TRUE or FALSE concerning use of mosquito nets in malaria control.

- a. Although insecticide-treated mosquito nets (ITNs) are known to play a major role in malaria control, there is still debate about the long long-term impact of their use.
- b. There is a strong association between early-life ITNs-use and survival to adulthood.
- Survival benefit of ITNs does not persist to adulthood.
- d. Long-term survival benefit of ITNs improves when used for at least 5 years.
- e. All TRUE

5. What is TRUE or FALSE concerning the effect of sleep extension on energy intake among adults with overweight in real-life settings?

- a. There is now enough scientific evidence showing that inadequate sleep increases the risk for obesity.
- b. Consistent healthy sleep duration may play a role in obesity prevention and treatment.
- c. It is not clear if extending sleep duration may lessen the risk for obesity.
- d. Sleep duration is inversely correlated with change in energy intake.
- e. All TRUE.

Answers 1. True: all. 2. True: a, b, d. False: c, e. 3. True: a, b, d, e. False: c, e. 3. True: a, b, d, e. False: c, e.

40 Africa Health April 2022





- Results you can rely on reliable and objective malaria information using the technology of fluorescence flow cytometry
- Results from 1 mL blood or less without sample pretreatment
- Enhance and standardise your malaria testing
 - ✓ Fast with 24/7 availability
 - ✓ Quality of result independent of the skills of the operator