

# CPD Challenge

## Questions

### 1. The following medications and interventions have shown some benefits for COVID-19 infection prevention and treatment. TRUE or FALSE

- Ivermectin treatment is associated with a significant impact on the SARS-CoV-2 pandemic globally owing to its proven efficacy, safety and low cost.
- Berberine and obatoclox containing herbal medicines, including 'Covidex' in Uganda have proven antiviral effects, but they may need further efficacy testing.
- Tofacitinib, an orally administered drug that suppresses cytokine production, has some benefits in ameliorating the cytokine storm observed among patients with severe COVID-19.
- The absolute risk of thromboembolic events among Oxford-AstraZeneca recipients is generally low and does not outweigh the proven benefits of using the vaccine in COVID-19 response.
- Presently there are no documented proven benefits with regard to the safety of two messenger RNA (mRNA) COVID-19 vaccines, Pfizer–BioNTech and Moderna, administered to pregnant women.

### 2. Are the following statements TRUE or FALSE?

- With respect to comparative effectiveness of Aspirin dosing in cardiovascular disease, a strategy of 81-mg of daily aspirin is as effective as a 325-mg strategy, except for long-term adherence outcomes.
- Anemia and previous exposure to second line drug are predictors of treatment failure in patients with drug resistant tuberculosis.
- Intensive systolic blood pressure control ((SBP, <120mmHg) is associated with lower rates of major adverse cardiovascular events than targeting a systolic blood pressure of less than 140 mmHg (SBP, <140mmHg).
- Delayed antibiotics prescribing for respiratory tract infections, as a strategy could reduce repeat consultations without an increase in symptom severity or duration in both adults and children.
- HIV-related sudden cardiac deaths may be due to an occult drug overdose.

### 3. Please indicate TRUE and FALSE concerning oxytocin stimulation in the active phase of labour

- Once in active labor, the labor process is known to continue even after oxytocin stimulation is halted.

- Discontinuation of oxytocin stimulation is associated with a lower Caesarean section rate
- Continued oxytocin stimulation is associated with higher Caesarean section rates,
- Discontinuation of oxytocin reduces of uterine hyper-stimulation and abnormal heart rate patterns
- Discontinuation of oxytocin stimulation increases Caesarean section rates.

### 4. Are the following statements TRUE or FALSE with respect to the impact of COVID-19 pandemic on maternal mortality?

- Pregnant women have been excluded in most studies assessing the effects of SARS-CoV-2 infection.
- COVID-19 pandemic has both direct and indirect negative effects on maternal health that call for public health attention to minimize maternal mortality during the pandemic.
- COVID-19 outbreaks have not resulted in significant rise in maternal mortality ratio (MMR).
- Some studies have shown an increase in intrauterine foetal demise (IUID) during the COVID-19 pandemic.
- Experience with COVID-19 outbreaks around the world shows that blacks generally have higher IUID rates compared to whites/Asians.

### 5. What is TRUE or FALSE concerning “Kangaroo Mother Care “and Survival of Infants with Low Birth Weight?

- It is not clear whether “Kangaroo mother care,” (KMC) a type of newborn care involving skin-to-skin contact with the mother or other caregiver, improves survival
- Kangaroo care is efficacious when initiated right after birth.
- Kangaroo care have better outcomes when initiated after conventional care in an incubator or a radiant warmer until their condition stabilized.
- Kangaroo care initiated soon after birth, before stabilization is associated with significant reduction in neonatal death in the first 28 days of life.
- Kangaroo care is associated with reduced risk of death in the first 72 hours of life.

## Answers

1. True: a, b, c, d. False: e.

2. True: a, b, c, d, e.

3. True: a, b, c, d. False: e.

4. True: a, b, c, d. False: e.



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