

CPD Challenge

Questions

1. Which of the following statements are TRUE or FALSE regarding Maternal Obesity?

- Maternal obesity is a common public health concern and a risk factor for childhood obesity.
- There is a positive association between maternal BMI and human-milk fat but no significant association between maternal BMI and human-milk energy or total protein.
- There is no strong evidence confirming the relation between maternal BMI and variations in human milk energy, fat, and protein content, which have the implications for child growth and development.
- ALL TRUE
- ALL FALSE

2. Indicate which of the following statements are TRUE or FALSE concerning COVID-19 care.

- The use of dexamethasone lowers mortality among those who receive either invasive mechanical ventilation or oxygen alone.
- Early administration of high-titer convalescent plasma against SARS-CoV-2 to mildly ill infected older adults reduces the progression of Covid-19.
- There is now enough empirical evidence to support the use of high dose Vitamin D3 for treatment of moderate to severe COVID-19.
- There is no evidence to show that steam inhalation is beneficial in halting SARS-CoV-2 virus infection in the upper airway mucosae during the initial stages of infection.
- There is no protection conferred by SARS-CoV-2 infection against reinfection.

3. Indicate what is TRUE or FALSE concerning pregnant mothers and their infants.

- Transmission of maternal cancer to their offspring is rare.
- Some cancers transmitted to infants spontaneously regressed, suggesting the existence of alloimmune responses against the transmitted tumors.
- Only copper-Intrauterine devices are currently being used by clinicians in emergency contraception.

- Maternal folic acid (FA) supplementation is known to prevent neural tube defects.
- Higher hemoglobin transfusion thresholds for pre-term infants with anemia may reduce the risk of cognitive delay.

4. Indicate which of the following are TRUE or FALSE concerning COVID-19 treatment.

- Convalescent plasma administered to hospitalised patients has been a very successful treatment.
- Dexamethasone may modulate inflammation-mediated lung injury and thereby reduce progression to respiratory failure and death.
- Asymptomatic COVID-19 patients may still present with massive radiographic findings on chest x-ray.
- Vaccination campaigns for women and children should be specific for each country in order to attain the largest impact.
- ALL TRUE.

5. Indicate which of the following general medicine statements are TRUE or FALSE.

- Once-weekly Semaglutide as an adjunct to lifestyle intervention is helpful in achieving a sustained, clinically relevant reduction in body weight in patients with overweight or obesity.
- Common carotid intima-media thickness is a strong marker of subclinical atherosclerosis.
- Albumin infusion does not offer any superior outcome compared to standard care in patients with decomposed liver cirrhosis.
- Patients put on multiple cardiovascular medications, including any four classes of antiplatelet agents, lipid-regulating medications, angiotensin-converting enzyme inhibitor/angiotensin receptor blockers, beta-blockers, diuretics, and calcium channel blockers with have the lowest risk of mortality, compared to any one class alone.
- HIV vaccine (ALVAC-gp120 regimen) which has been on trial in South Africa and elsewhere does not seem prevent HIV-1 infection compared to placebo trials, despite previous evidence of immunogenicity.

Answers

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

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

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

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

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

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



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