The National Early Warning Score and associated Education Programme

Quiz Questions

1. An increased heart rate may reflect:
   a. Failing oxygen delivery
   b. Decreased level of consciousness
   c. Decreased urine output
   d. Rise in stroke volume

2. Compensation for a decreased oxygen delivery will include which of the following?
   a. Increased urine output
   b. Decreased peripheral vascular resistance
   c. Decreased respiratory rate
   d. Increased heart rate

3. Cardiac Output =
   a. Blood pressure x heart rate
   b. Stroke volume x blood pressure
   c. Stroke volume x heart rate
   d. Stroke volume x peripheral vascular resistance

4. Aerobic metabolism
   a. Generates 2ATP
   b. Produces lactate
   c. Requires oxygen
   d. Causes tachypnoea

5. Tachypnoea:
   a. Is caused by Morphine
   b. Is caused by metabolic alkalosis
   c. Reflects a deteriorating patient
   d. Is caused by respiratory alkalosis
6. Blood pressure =
   a. Peripheral vascular resistance x cardiac output
   b. Stroke volume x heart rate
   c. Stroke volume x peripheral vascular resistance
   d. Cardiac output x heart rate

7. Oxygen delivery =
   a. PO$_2$ x cardiac output
   b. O$_2$ content x cardiac output
   c. PO$_2$ x blood pressure
   d. Arterial oxygen content x cardiac output

8. Urine output depends on the following two things:
   a. Frusemide
   b. Oxygen delivery to the kidney
   c. Adequate level of consciousness
   d. Pressure in the glomerulus of the kidney

9. One of the first tests to do for a patient with a decreased level of consciousness is:
   a. Sodium
   b. Potassium
   c. Glucose
   d. Chloride

10. The Seagull sign is when:
    a. Systolic blood pressure is greater than the heart rate
    b. Heart rate is greater than the diastolic blood pressure
    c. Diastolic blood pressure is greater than the heart rate
    d. Heart rate is greater than the systolic blood pressure