

Quiz Questions:

An increased heart rate may reflect:

- a. Failing oxygen delivery
- b. Decreased level of consciousness
- c. Decreased urine output
- d. Rise in stroke volume

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

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

Aerobic metabolism:

- a. generates 2ATP
- b. produces lactate
- c. requires oxygen
- d. causes tachypnoea

Tachypnoea:

- a. is caused by Morphine
- b. is caused by metabolic alkalosis
- c. reflects a deteriorating patient
- d. is caused by respiratory alkalosis

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

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

Urine output depends on the following **two** things:

- a. Frusemide
- b. Oxygen delivery to the kidney
- c. Adequate level of consciousness
- d. Blood pressure in the glomerulus of the kidney

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

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