

A & T - Post Test Questions & Answers

Heuer_Foundations of Arterial Blood Gas Interpretation

Which one of the following is not a general indication for Arterial Blood Gas (ABG) sampling?

- A Determining the adequacy of ventilation
- B Qualifying a patient for a professional license
- C Determining the adequacy of oxygenation
- D Determining metabolic status

Correct Answer :B

Which of the following is not a disease state which may warrant an ABG?

- A During a "Code Blue"
- B During an Rapid Response Team (RRT) call
- C COPD exacerbation
- D Stable asthma

Correct Answer :D

Contraindications for an ABG include all of the following except?

- A A functioning arterial line
- B Negative allen's test
- C Severe coagulopathy
- D The absence of an indication

Correct Answer :A

An air bubble in the sample will cause which of the following pre-analytic errors?

- A Lowers PCO₂
- B Raises PCO₂
- C Lowers pH
- D Increased bicarbonate

Correct Answer :A

Failure to place an ABG sample on ice (excluding point of service systems), will likely cause all of the following pre-analytic errors, except which of the following?

- A Increase PCO₂
- B Decrease pH
- C Reduce PO₂
- D Increase PO₂

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Correct Answer :D

Which of the following is the intrerpretation of the following ABG for a patient breathing room air?: pH 7.43; PCO₂ 39; HCO₃ 24; BE 0; PO₂ 88

- A Metabolic alkalosis
- B Normal
- C Metabolic acidosis
- D Mild hypoxemia

Correct Answer :B

Which of the following is the interpretation of the following ABG?: pH 7.28; PCO₂ 58; HCO₃ 26; BE +2; PO₂ 65

- A uncompensated resp. acidosis w/ mild hypoxemia
- B fully compensated resp. acidosis w/ mild hypoxemia
- C uncomp. resp. alkalosis w/ mild hypoxemia
- D Severe hypoxemia

Correct Answer :A

Which of the following is the intrerpretation of the following ABG?: pH 7.52; PCO₂ 28; HCO₃ 24; BE 1; PO₂ 53

- A uncompensated resp. acidosis w/ mild hypoxemia
- B fully compensated resp. acidosis w/ mild hypoxemia
- C uncomp. respiratory alkalosis w/ moderate hypoxemia
- D Hyperoxemia

Correct Answer :C

Which of the following is the intrerpretation of the following ABG for a patient breathing room air?: pH 7.22; PCO₂ 36; HCO₃ 17; BE -6; PO₂ 98

- A uncomp. resp. alkalosis w/ mild hypoxemia
- B uncomp. metabolic acidosis w/ normal oxygenation
- C uncompensated resp. acidosis w/ mild hypoxemia
- D Severe hypoxemia

Correct Answer :B

True or False, Arterial Blood Gas sampling can provide valuable diagnostic clinical data which can help in determining the course of a patient's treatment?

- A True

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B False

Correct Answer :A