

Rasmussen College MDC 2 Exam 2 Questions and Answers

(Verified Answers)

1. **Describe multidimensional care strategies for the patient with acid-base imbalances** **ANS** -Provide emotional support to patient and family

-Educate patient on s/s underlying cause of imbalance/disease process.

-Consult with a dietician

-Assess cultural factors

-Ensure patient and family understand instructions/obtain interpreter if necessary

2. **Causes of Metabolic Acidosis**

ANS -DKA

-Kidney failure

-Starvation

-seizure activity

-toxicity

-ethanol ingestion

3. What does a pH of 7.29 indicate

ANS Acidosis

4. What does a PaCO₂ of 28 indicate

ANS Alkalosis

5. What does a HCO₃ of 18 indicate

ANS Acidosis

6. Define Metabolic acidosis:

ANS

1. Over production of H⁺ ions
2. Under elimination of H⁺ ions
3. The under production of HCO₃ over elimination of HCO₃

7. Define compensation:

ANS Body attempts to correct blood pH changes

8. When the respiratory system is responsible for the imbalance which system will attempt to compensate

ANS Metabolic (kidneys)