

Acid Base Imbalance Causes



| Metabolic Acidosis | | | Metabolic Alkalosis | |
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| Metabolic Acidosis with anion gap | Metabolic acidosis without anion gap | Respiratory acidosis | Metabolic Alkalosis | Respiratory Alkalosis |
| Drugs: 1- Isoniazid. 2- Aspirin. 3- Paraldehyde. Disorders: 1- Renal Failure. 2- Rhabdomyolysis. 3- Uremia. 4- Diabetic Ketoacidosis. 5- Lactic Acidosis. Others: (Alcohols): 1- Methanol. 2- Ethanol. | Drugs (Diuretics): 1- Acetazolamide 2- Spironolactone Disorders: 1- Renal Tubular acidosis. 2- TPN (Hyperalimentation). 3- Refeeding Syndrome! 4- Diarrhea. | Disorders (abnormal Respiration): 1- CNS Trauma. 2- CNS Depression. 3- Airway obstruction. 4- Pulmonary edema. 4- Pulmonary inflammation (Pneumonia). 5- Pulmonary Compression (Pneumothorax or Hemothorax). 5- Neuromuscular diseases. | Drugs (Diuretics): 1- Frusemide. 2- Thiazides. Disorders: 1- (Conn's - Cushing's - Bartter's) 2- Volume Loss. 3- Refeeding Syndrome! 4- Vomiting. Others: Licorice | Disorders (abnormal Respiration): 1- Anxiety 2- CNS Disorder. 3- Mechanical Ventilation. 4- Sepsis. 5- Aspirin (Correction). |