

# Acid Base Imbalance Causes

 <b>Metabolic Acidosis with anion gap</b>	<b>Metabolic acidosis without anion gap</b>	<b>Respiratory acidosis</b>	 <b>Metabolic Alkalosis</b>	<b>Respiratory Alkalosis</b>
<p><b>Drugs:</b></p> <ul style="list-style-type: none"> <li>1- Isoniazid.</li> <li>2- Aspirin.</li> <li>3- Paraldehyde.</li> </ul> <p><b>Disorders:</b></p> <ul style="list-style-type: none"> <li>1- Renal Failure.</li> <li>2- Rhabdomyolysis.</li> <li>3- Uremia.</li> <li>4- Diabetic Ketoacidosis.</li> <li>5- Lactic Acidosis.</li> </ul> <p><b>Others:</b> (Alcohols):</p> <ul style="list-style-type: none"> <li>1- Methanol.</li> <li>2- Ethanol.</li> </ul>	<p><b>Drugs</b> (Diuretics):</p> <ul style="list-style-type: none"> <li>1- Acetazolamide</li> <li>2- Spironolactone</li> </ul> <p><b>Disorders:</b></p> <ul style="list-style-type: none"> <li>1- Renal Tubular acidosis.</li> <li>2- TPN (Hyperalimentation).</li> <li>3- Refeeding Syndrome!</li> <li>4- Diarrhea.</li> </ul>	<p><b>Disorders</b> (abnormal Respiration):</p> <ul style="list-style-type: none"> <li>1- CNS Trauma.</li> <li>2- CNS Depression.</li> <li>3- Airway obstruction.</li> <li>4- Pulmonary edema.</li> <li>4- Pulmonary inflammation (Pneumonia).</li> <li>5- Pulmonary Compression (Pneumothorax or Hemothorax).</li> <li>5- Neuromuscular diseases.</li> </ul>	<p><b>Drugs</b> (Diuretics):</p> <ul style="list-style-type: none"> <li>1- Frusemide.</li> <li>2- Thiazides.</li> </ul> <p><b>Disorders:</b></p> <ul style="list-style-type: none"> <li>1- (Conn's - Cushing's - Bartter's)</li> <li>2- Volume Loss.</li> <li>3- Refeeding Syndrome!</li> <li>4- Vomiting.</li> </ul> <p><b>Others:</b></p> <ul style="list-style-type: none"> <li>Licorice</li> </ul>	<p><b>Disorders</b> (abnormal Respiration):</p> <ul style="list-style-type: none"> <li>1- Anxiety</li> <li>2- CNS Disorder.</li> <li>3- Mechanical Ventilation.</li> <li>4- Sepsis.</li> <li>5- Aspirin (Correction).</li> </ul>