Nursing Care
- Directed toward what contributes to a normal concept and is thereby related to all factors involved in or with the concept. Not always needed to have a normal outcome.

Attributes
- Defining characteristics of the concept
- What must occur for the concept to exist

Antecedents
- What precedes the concept for it to exist
- Events or incidents that must happen before the concept

Consequences
- Untoward events or outcomes that occur due to malfunction within the concept
- Positive events or outcomes that occur due to proper functioning within the concept

Interrelated Concept
- Concepts which can affect change in the other
- Concepts which work together to ensure a normal process
- Concepts which if depleted or impaired can cause a negative consequence in the other

Sub-Concept
- Critical components of major concept

Acid Base Balance
The process of regulating the pH, bicarbonate concentration and partial pressure of carbon dioxide of body fluids. (G)

Attributes
- Arterial Blood Gases WNL
  - Normal Respiratory Rate

Consequences (Outcomes)
- Positive
  - Balanced Acid & Base Production
  - Normal Activity for Age, Energy

- Non-Labored Respirations

- Negative
  - Tetany, Tingling of Extremities, Seizures
  - Anxiety Changes in LOC
  - Cardiac Arrhythmias
  - Death

Interrelated Concepts
- Fluid & Electrolyte Balance
- Perfusion
- Gas Exchange
- Nutrition
- Elimination

Antecedents
- Normal Respiratory and Renal Functions,
- Normal digestion functions
- Absence of N & V or Diarrhea;
- Good nutrition
- Krebs Cycle
- Normal Anion Gap
- Oxyhemoglobin Disassociation Curve

Sub-Concepts
- Compensatory Mechanisms
- Consequences of Disruption

Physiologic Processes of Acid Base Balance

3.30.13 Texas