Reasons for an OUT OF RANGE Response

1. Physical
- Weakness or Problem in the body: Organ, Vertebrae,
- Stressors such as: Bacteria, Heavy Metal, Virus, Environmental Toxin, etc., present in the body.
- Allergy or Sensitivity to a stressor
- Deficiency or Excess of a Vitamin, Mineral, Neurotransmitter, Hormone, etc.

2. Terrain
- Current state of the body is not strong enough to handle the stressors.
- A weakness in a part or circuit of the body. IE. If liver is struggling, a stressor that would add to the struggle may appear out of range.
- A lack of enzymes, probiotics, dehydration, overly acidic/alkaline pH, poor nutrient uptake, candida overgrowth, weakened immune system, lack of sleep, mental/emotional stress

3. Emotional
- Emotional and Mental Stress, if not cleared, eventually lead to Dis-ease
- Experiencing the specific emotions that eventually lead to a specific disease or weakness in the body can cause he related stressors to show up Out of Range
- Anger / Liver
- Shingles:
  - Fear things will not work out the way you want
  - Over-sensitive
  - On-going tension concerning a situation
  - Hostile energy being manifest
  - (Herpes Zoster) Lack of Inner Peace
  - Recurring problem of unworthiness

4. Energetic
- Energetic Aversion to a Stressors
  - Example: HIV
- Sympathetic or Empathic Reaction to Others
  - Example: Bach Flower
- Taking on someone else's baggage

5. Vector Association
- Corresponding Markers (VECTORS)
  - Heart Circuit
    - Heart
    - Vertebrae C1, C2, TH1, TH2, TH3, TH4, TH5 & TH12
    - Teeth: T1, T16, T17 & T32
    - TCM Meridians: Heart Meridian & Pericardium Meridian
- If Several Items on this Circuit are Out-Of-Range, it is an indicator of stress in that circuit and can cause other items to also be out of range

Other things to consider

1. **Consider multiple data points.**
   a. One out of range biomarker does not carry as much weight as having multiple data points that are related that are all out of range.
   b. Example: Antibiotics is out of range vs. Antibiotics, Probiotics, Candida, Bacteria, Intestinal Mucosal Lining and Colon are all out of range. Antibiotics, Probiotics, Candida, Bacteria, Intestinal Mucosal Lining and Colon all have to do with the Microbiome of the Gut. If the microbiome is out of balance, the likelihood that multiple data points will be out of range is much higher and a much better indicator.

2. **Is the biomarker in question the only Data point?**
   a. If the biomarker in question (in this case Antibiotics) does not have other correlating data (other stressors or potential balancers), I would wait to see if it shows up on future scans to see if it is a trend that continues.

3. **Are there other ways a stressor could be introduced to the body?**
   a. Antibiotics are typically given through injection or orally. However, there are other ways that Antibiotics can be introduced to the body. For example, Meat. Chicken and Beef are often treated with Antibiotics that are then ingested and impact the microbiome of the gut. Are there other stressors that can impact gut health? Herbicides, pesticides, and artificial sweeteners, to name a few, all have a negative impact on gut health

4. **Is it a terrain issue?**
   a. Antibiotics could show up out of range because the microbiome of the gut is out of balance (not properly replenishing the good bacteria, or other environmental factors that could also be creating an imbalance). And if Antibiotics were introduced it could exacerbate the problem and cause the body additional stress.

5. **Are there balancers (products or services) that have a high positive response that address the biomarker in question?**
   a. In the case of antibiotics, is there a product, like a probiotic, pre-biotic, an anti-fungal, or anti-bacterial that is showing up as a high preferred response? If so this is another correlating data point that adds weight to my decision making in addressing antibiotics as a potential issue.

6. **The data you obtain from a ZYTO scan is not the only data to take into consideration. If in the above example of Antibiotics, the client was chronically constipated or had diarrhea, or suffered from IBS or other gastrointestinal discomfort, which would also factor into how I look at that biomarker and the weight I give it in the decision-making process.**

7. **This type of logic can be applied to any biomarker that shows up out of range. The more you know about the biomarkers in the Balance scan and how they can impact the body and how they get introduced to the body the better you will get at interpreting the scan results.**

8. **Remember, ZYTO is not diagnostic. It is decision support technology. Look at the data to help you understand the best ways to support the body to reach optimal health and wellness.**