



BLOOD CHEMISTRY INTRODUCTION

By Dr. Donna F. Smith

Table of Contents

BLOOD CHEMISTRY DOCUMENT	1
COMPLETE BLOOD COUNT (CBC)	3
WHAT CAN BE SEEN IN THE BLOOD!	4
MISSING ANY ORGANS OR GLANDS	4
BLOOD TEST DESCRIPTION AND EXPLANATION.....	5
BLOOD IS NOT A CELLULAR TEST	6
ARTICLES TO HELP YOU UNDERSTAND!	7

BLOOD CHEMISTRY DOCUMENT

Please read the **Blood Chemistry Webpages** and the **PDF icons**. Also, save or print them for your **PEP Binder** as your first blood tests is the only time this knowledge is available. Updates will be emailed, if necessary.

Quest **Laboratory Report** does not provide space for the next “Symbol” for Homeostasis. So, please feel free to email any biochemical symbol that you are able to read.

In your blood, I can determine your priorities because of how many areas they adversely affect and that number determines the severity of the priority. Therefore, I can tell you...

1. Order of priorities, 1, 2, 3, etc.
2. Your **Therapeutic Supplement Program of Care (POC)** is based on the priorities tested in your blood. With a Horse **Therapeutic Supplement**



BLOOD CHEMISTRY INTRODUCTION

By Dr. Donna F. Smith

Financials Plan, the priorities in your blood are supported. If you choose a different plan, support is provided for the priorities of the priorities.

3. The degree of severity regarding the priorities, High to Low.
4. How many areas of the body are adversely affected by the priorities. The term I use is “indicators” because the areas can be many things, such as nutrient deficiencies or excesses, toxicities, germs, dysbiosis, etc. See the chapter on “What Can Be Seen In The Blood.”



BLOOD CHEMISTRY INTRODUCTION

By Dr. Donna F. Smith

COMPLETE BLOOD COUNT (CBC)

The **Complete Blood Count (CBC)** is one of the Blood Panels that is ordered in the “**Complete Wellness Panel (CWP)**.” Most of the germs are found in the **CBC**.

1. Regarding the tests listed below, a percentage, instead of the “absolute,” is analyzed and symbolized. Though either one can be analyzed.
2. I have listed the primary reason for each germs in the blood. However, I have not listed all of them, such as,
 - a. Neutrophils, Total – Bacteria
 - b. Lymphocytes – Virus
 - c. Monocytes – Worms
 - d. Eosinophils – Amoebas (rarely worms)
 - e. Basophils – Sinuses
3. Toxicity is the detoxification of these germs, including yeast.
4. These germs are seen in a blood tests, whereas yeast is seen in the stool and/or yeast culture tests. If yeast gets into your blood, it can kill you.
5. There are experts who say that those who are not healthy today, the primary cause is in the family of Fungi, which includes the yeast family. Many people have yeast overgrowth or a diagnosis of Candidiasis.
 - a. Candidiasis is a fungal infection. Some common symptoms are skin rashes, itching, and a white, cottage cheese-like discharge. In the mouth, are white patches (thrush), along with redness, soreness, and potential pain when eating or swallowing,
6. Dysbiosis, however, is seen in the blood and can lead to yeast overgrowth. That is another reason for addressing Dysbiosis. Read on.
7. For your information, there are good, bad and ugly viruses and, therefore, 35 % of the DNA in a human body consists of good viruses.



BLOOD CHEMISTRY INTRODUCTION

By Dr. Donna F. Smith

WHAT CAN BE SEEN IN THE BLOOD!

In the blood, I can see the following indicators, such as,

1. Nutrient Deficiency.
2. Nutrient Excesses.
3. Toxicity.
4. Germ Exposures (Viruses, Bacteria, Strep, Staph, etc.).
5. Dysbiosis.
6. Biochemical imbalances.
7. Organ or Gland Dysfunctions.
8. Patterns of one or more Diseases in Process.
9. Genetics.

MISSING ANY ORGANS OR GLANDS

If you are missing any organs or glands due to an accidental injury, abuse, a war or surgery, they have been considered in the analysis. Thank you for communicating this in the **CLENT INFORMATION FORM**.

However, missing organs or glands can show up in your list of priorities. When it does, this could mean...

1. The body has adverse physical effects due to the missing organ or gland. A common occurrence is the physical effects in the liver due to a missing gall bladder.
2. The body requires help in the areas of the missing organs or glands and/or its physical effects. For example, someone who has a missing gallbladder will require a specific Therapeutic Supplement, for the rest of the client's life, so the missing gallbladder does not or minimizes the physical effects.
3. That area may have some part missing and another part of the organ or glands present. A change in diet or lifestyle and/or a Therapeutic Supplement may be needed.



BLOOD CHEMISTRY INTRODUCTION

By Dr. Donna F. Smith

BLOOD TEST DESCRIPTION AND EXPLANATION

We currently use Quest Diagnostic Laboratory and this document defines the various blood tests included in our blood panels. At the time of the writing of these definitions, we were using Lab Corp. Therefore, the definitions are in order of Lab Corp Laboratory Report, not Quest Diagnostics Laboratory Report. However, regardless of the Laboratory used, the definitions for each blood test are the same.

**Read the “Blood Test Description and Explanation” document first,
then if you want more, you can go to the internet.**

Why? I have provided a brief paragraph to define each. You will find the **Clinical Nutrition** information in this document, whereas, on the internet, you receive only the “medical” version of each test. You need both, however, you are healthier and wiser knowing **Clinical Nutrition** first!

By knowing Clinical Nutrition, you are more equipped to help yourself and you may even know information that is not known by the medical community.



BLOOD CHEMISTRY INTRODUCTION

By Dr. Donna F. Smith

BLOOD IS NOT A CELLULAR TEST

One of the purposes of blood is to feed nutrients to every cell. **Therefore, blood can never be a “cellular” test.**

Cellular tests are:

1. Hair, such as the Tissue Mineral Hair Analysis.
2. Saliva, such as the Neurohormones, Female Hormone for 11 tubes per cycles, and Genetic testing.
3. Urine, such as the Routine Urinalysis and Bone Resorption.
4. Stool, such as the Stool Chemistries with or without Parasitology.

Therefore, non-cellular tests, like blood, are analyzed differently than cellular tests.



BLOOD CHEMISTRY INTRODUCTION

By Dr. Donna F. Smith

ARTICLES TO HELP YOU UNDERSTAND!

The **Report of Finding (RF) Introduction** will help you understand the **RF email** on the test(s) ordered for you, this document will help under the blood biochemistry, specifically.

1. *High Cholesterol – The Myth? Heart Disease? Liver Dysfunction? Other?* Because **Total Cholesterol** is part of your blood testing, I have posted the latest medical research study that has been published on Cholesterol and it changes the result.
 - a. After reading it, you will know more than your medical doctors and staff.
 - b. Why? Many of them are not current, including Quest Diagnostics. Hence, the purpose for writing the article.
 - c. See *Wichita Falls Parent* article and Illustrations, also, below.
2. “*Dysbiosis*” - Since 1981, when opening **Advanced Clinical Nutrition**, all my new clients have showed Dysbiosis in blood and/or urine testing. Therefore, it made me think that every person has this problem. Here are the facts...
 - a. **Dysbiosis** appears for all new clients in either their first or second tests, with it showing more frequently in the first test.
 - b. It shows in blood and/or urine testing.



BLOOD CHEMISTRY INTRODUCTION

By Dr. Donna F. Smith

- c. It is often addressed first, because one cannot be healthy without correcting it.
 - d. At first it was occasionally seen in testing and now it is always seen in testing. This shows us that our toxic world is becoming more toxic.
 - e. At first, it was seen in the testing of new clients. However, about five years ago, at the time of this writing, **Dysbiosis** started showing up in every blood and/or urine retesting every few years.
 - f. Whenever seen in testing, we corrected **Dysbiosis** to keep our clients healthy, i.e., in Eubiosis.
 - g. The good news is that once you have paid for the **Dysbiosis Program Instructions**, paying for them again is very rare. For example, the **Dysbiosis Program Instructions** were the same for almost 40 years. In this case, you only need to pay for the **Dysbiosis Program** supplements.
8. “*Preventive Healthcare and Management of Disease*”- it was published in the *Wichita Falls Parent* in 1995 and updated in 2022. The update includes the new research regarding the article above on Cholesterol.