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ESSAY MEASURING THE EFFECTIVENESS OF PRANAN BINAURAL FREQUENCIES IN INTERCELLULAR COMMUNICATION, IMPROVING BLOOD ACID/BASE BALANCE

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The effectiveness of PRANAN binaural frequencies has been tested using Dark Field Microscopy technology, aiming to measure their efficacy in improving intercellular communication and acid/base balance through blood samples.

1.- DARK FIELD MICROSCOPE

The dark field microscope was invented in 1903 by Austrian scientist Richard Adolf Zsigmondy, who won the Nobel Prize in Chemistry in 1925. The operating principle of this device is based on emitting a very intense and focused beam of light onto the sample being analyzed. The light is scattered by the sample and reflects the image against a dark background behind it.

In this way, the light does not pass directly through the sample. This is particularly important because it allows the analysis of a living biological sample (highly useful in hematology for examining fresh blood) by preventing the heat of the light from passing through the sample, unlike traditional microscopes.

The quality of the images obtained is very high, achieving a perception very similar to three dimensions, enabling precise appreciation of the details resulting from the study. Therefore, cellular analysis is primarily qualitative rather than quantitative.

For this study, an OPTIKA 500TDK microscope connected to a high-resolution camera was used.

2. TECHNIQUE USED

Blood analysis using a dark field microscope was developed by Dr. Günther Enderlein (1872–1968), a renowned zoologist who continued the research on the legacy of biologist Antoine Béchamp regarding pleomorphism and microzymas.

Enderlein not only developed a technique but also left a fascinating legacy on biology, pleomorphism, and bacterial cyclogeny. His Universal Law, as he called it, states: "The progressive development of microbes depends on the regressive development of the pH value of the nutrient medium."

In other words, if we are continuously exposed to stress (nutritional, emotional, toxic, radioactive, etc.), the blood will lose its acid/base balance and tend toward acidity, which becomes the most significant cause of any imbalance.

This analysis involves extracting a single drop of blood from the fingertip and immediately placing it on a slide and cover slip for observation under the dark field microscope.

3. OBJECTIVE OF THE STUDY

The objective of this study is to verify the effectiveness of the binaural frequencies (REGENERATOR) developed by Pranan Technologies (available via a mobile app) as an effective reducer of cellular noise.

The purpose is to determine whether the application of binaural frequencies leads to a physiological improvement in erythrocytes (red blood cells) and helps restore the body's acid/base balance.

4. PROTOCOL AND MEASUREMENTS

In this study, eight participants were involved, each of whom signed a document confirming that the study results align with the findings presented in this report. The trial was conducted at the DIGESTALIA clinic in Barcelona, Spain.

First Data Collection: Blood is drawn from the participant and analyzed using dark field microscopy technology.

Second Data Collection: After the first blood sample is taken, the PRANAN frequency system (known as the REGENERATOR) is applied to the participant for 20 minutes while wearing headphones. A second blood sample is then collected.

Results Comparison: The blood samples, analyzed under a dark field microscope, are compared to observe changes before and after. Specifically, the initial blood samples (without exposure to PRANAN frequencies) are contrasted with the subsequent samples (after PRANAN frequency application and exposure).

The comparative analysis examines the following parameters of red blood cells: mobility, toxicity levels, cellular membrane condition, cellular oxidation, oxygenation, and acidity levels. Additionally, when relevant, the activity level of neutrophils is also assessed.

5. BINAURAL FREQUENCIES

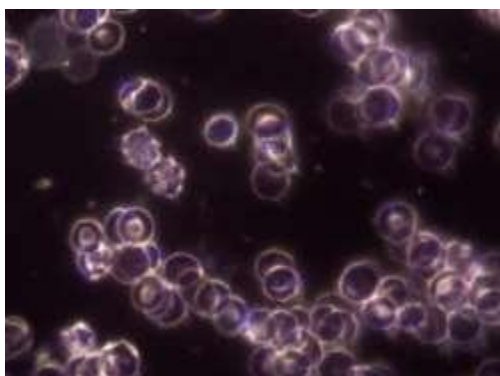
Binaural sound occurs when two different frequencies are applied to each ear. The brain perceives a single sound, a frequency that is the difference between the two. This technique is the result of research by Pranan Technologies, which has developed multiple binaural frequencies in a single auditory system.

This innovation has enabled its application with the aim of achieving better acid/base balance in the body by eliminating cellular noise.

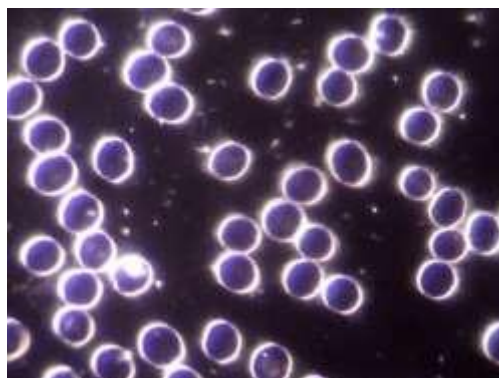
6. STUDY AND DATA COLLECTION

Case 1 Analysis:

Blood Sample Taken from Subject A
Before Applying PRANAN Binaural
Frequencies



Blood Sample Taken from Subject A
After Applying PRANAN Binaural
Frequencies



Case 2 Analysis:

Blood Sample Taken from Subject B
Before Applying PRANAN Binaural
Frequencies



Blood Sample Taken from Subject B
After Applying PRANAN Binaural
Frequencies



Case 3 Analysis:

Blood Sample Taken from Subject C
Before Applying PRANAN Binaural
Frequencies

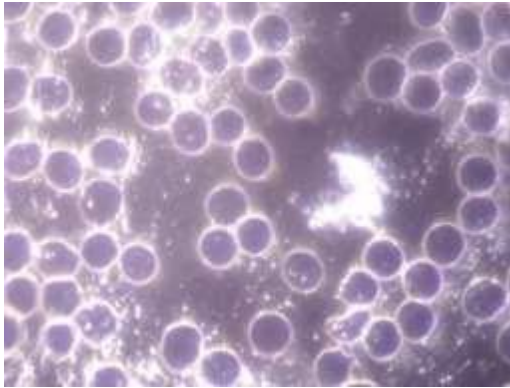


Blood Sample Taken from Subject C
After Applying PRANAN Binaural
Frequencies



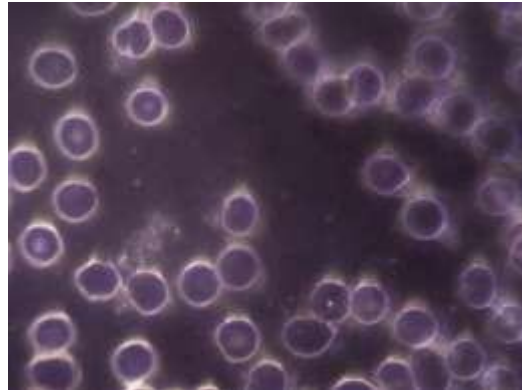
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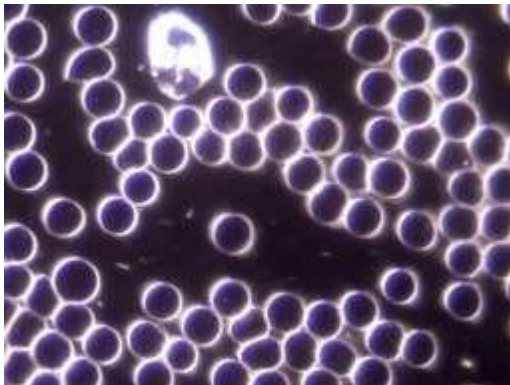


Case 4 Analysis:

Blood Sample Taken from Subject D
Before Applying PRANAN Binaural
Frequencies



Blood Sample Taken from Subject D
After Applying PRANAN Binaural
Frequencies

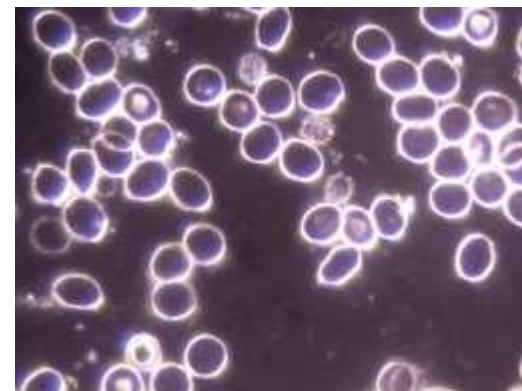
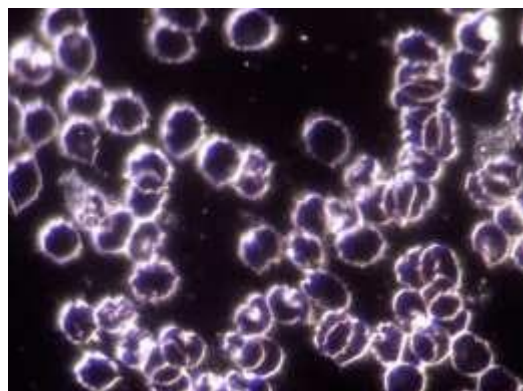


Case 5 Analysis:

Blood Sample Taken from Subject E
Before Applying PRANAN Binaural
Frequencies



Blood Sample Taken from Subject E
After Applying PRANAN Binaural
Frequencies

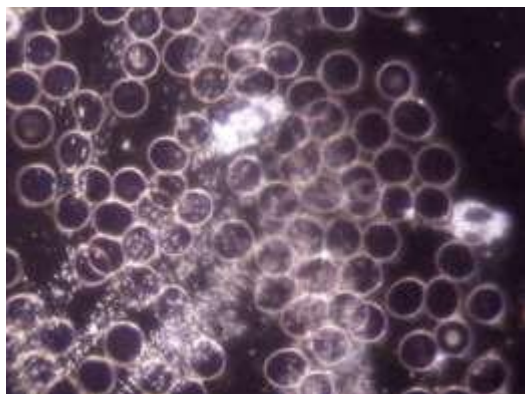


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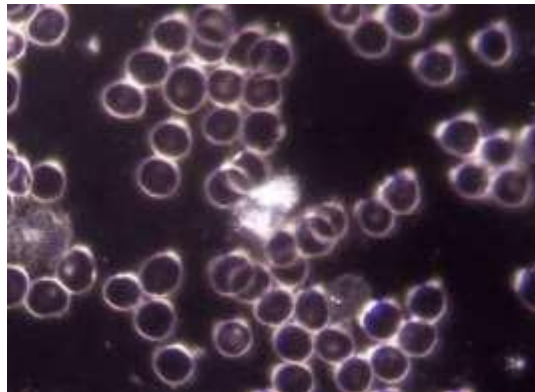
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Case 6 Analysis:

Blood Sample Taken from Subject F
Before Applying PRANAN Binaural
Frequencies

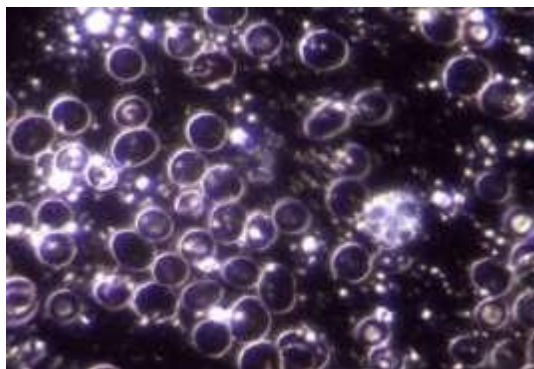


Blood Sample Taken from Subject F
After Applying PRANAN Binaural
Frequencies



Case 7 Analysis:

Blood Sample Taken from Subject G
Before Applying PRANAN Binaural
Frequencies



Blood Sample Taken from Subject G
After Applying PRANAN Binaural
Frequencies



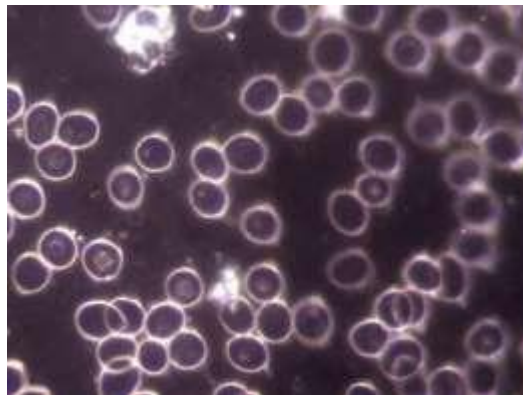
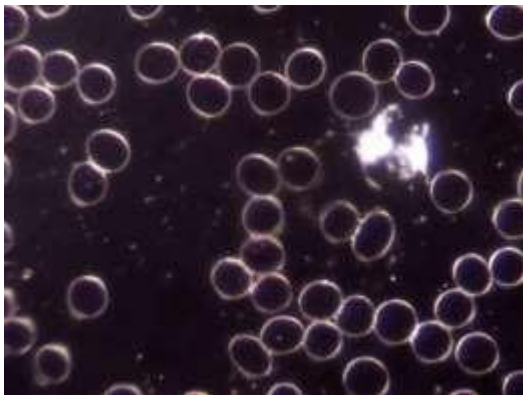
Case 8 Analysis:

Blood Sample Taken from Subject H
Before Applying PRANAN Binaural
Frequencies



Blood Sample Taken from Subject H
After Applying PRANAN Binaural
Frequencies





7. ANALYSIS OF RESULTS

Case 1 Analysis:

Blood sample from Subject A BEFORE applying PRANAN frequencies

This sample reveals significant imbalance, with a high acidity level: most red blood cells are stacked together, and those that are free exhibit damaged membranes. They vary in size, and some show endobiosis (intracellular toxicity) caused by poorly resolved infectious processes. This negatively impacts oxygen levels and lung function, leading to reduced activity in the elimination pathways. The liver and kidneys perform poorly, and the skin becomes blocked, failing to eliminate the toxins it should. Consequently, toxins accumulate progressively in the blood. Additionally, an inactive white blood cell is observed.

Blood sample from Subject A AFTER applying PRANAN frequencies

The changes are significant and reflect notable improvement. The cells begin to regain their natural shape, with membranes appearing much stronger, and erythrocytes starting to maintain their space. Signs of infection are reduced (many toxins begin to disappear) due to an improved pH level. Small microbes appear in the plasma, whose role is to alkalize the environment. These microbes help eliminate excess acidity from the body. The application of frequencies initiates a process of system reorganization and alkalization. This results in improved renal and hepatic functions. The frequencies appear to signal the brain to activate the body's elimination functions, leading to better performance of excretory pathways. The enhancement of immune function triggers additional processes that aid in the removal of residual viruses and infections stagnating in the blood. Improved oxygenation levels and toxin elimination pathways contribute to better pH balance and excretory responses.

Case 2 Analysis:

Blood sample from Subject B BEFORE applying PRANAN frequencies

In this sample, it is worth noting that some erythrocytes are beginning to disappear, which indicates a very weak immune system. Additionally, in the lower part of the sample, lemon-shaped red blood cells can be observed, along with some that exhibit an extension resembling a cable. This phenomenon occurs exclusively in states of very high acidity. In such cases, the cell loses its ability to communicate with other cells and seeks alternative mechanisms for survival. This process is known as pleomorphism, and the cells involved are called condrites. This represents an advanced stage of red blood cell degeneration, occurring under extreme acidity conditions and when digestive function, particularly hepatic function, is severely impaired.

Blood sample from Subject B AFTER applying PRANAN frequencies

After applying the frequencies, the cells have regained their initial position, a very complex achievement. The application of the frequencies appears to have reduced the existing "cellular noise," enabling the cells to resume communication with one another. The remarkable aspect of this improvement lies in the fact that the loss of cellular communication is likely the primary cause of degenerative processes. Furthermore, the erythrocytes appear more rounded, indicating that hepatic function and, in general, the elimination pathways have been balanced.

Case 3 Analysis:

Blood sample from Subject C BEFORE applying PRANAN frequencies

This sample corresponds to a person suffering from an acute infectious process. A sort of rash, represented by "dots," is visible in the plasma. This is a ferment generated in highly acidic environments and is part of the infection. This produces significant "noise," which prevents the cells from communicating with one another. The sample is characterized by a high level of acidity, with an accumulation of many toxins due to the improper functioning of the organs. Additionally, an accumulation of platelets is observed.

Ruido celular, cualquier agente externo, bien sea un patógeno, toxina o la propia contaminación electromagnética, que dificulta o altera la comunicación entre células.

Blood sample from Subject C AFTER applying PRANAN frequencies

There has been significant improvement, most notably the near-complete disappearance of the "rash." However, some accumulation of platelets still persists. The plasma has improved substantially, appearing much cleaner.

Case 4 Analysis:

Blood sample from Subject D BEFORE applying PRANAN frequencies

In this sample, the erythrocytes exhibit an acceptable morphology regarding their membrane. However, they show little movement and a certain tendency toward agglutination. It is important to note that the neutrophil (white blood cell) displays almost no immune activity (no movement within it). The immune defenses are very low, and deficiencies in the proper functioning of the digestive system are evident.

Blood sample from Subject D AFTER applying PRANAN frequencies

The most significant observation after applying the PRANAN frequencies is that the detected white blood cell is fully active. It appears as though the level of immune defenses has increased significantly.

Case 5 Analysis:

Blood sample from Subject E BEFORE applying PRANAN frequencies

The erythrocytes do not exhibit their original shape; they appear "star-shaped." The membranes are altered, and there is minimal movement. Platelet aggregations are present, accompanied by a very high level of acidity. Some cells contain viral content.

Blood sample from Subject E AFTER applying PRANAN frequencies

The membranes are gradually regaining their original shape—no longer appearing "star-shaped"—and their oxidation has been significantly reduced. The number of microbes in the plasma has decreased, although red blood cell stacking still persists.

Case 6 Analysis:

Blood sample from Subject F BEFORE applying PRANAN frequencies

A high level of acidity is observed. The white blood cells present show no activity. The plasma appears dirty, with noticeable red blood cell stacking and poor oxygenation.

Blood sample from Subject F AFTER applying PRANAN frequencies

The most remarkable aspect of this sample is the improved activity of the white blood cells. This indicates that the immune system is responding positively to the frequencies.

Case 7 Analysis:

Blood sample from Subject G BEFORE applying PRANAN frequencies

This sample is characterized by a high degree of infection. The acidity level is so elevated that it generates a type of ferment. Both red and white blood cells appear "parasitized," with a significant amount of toxins present.

Blood sample from Subject G AFTER applying PRANAN frequencies

The change has been very positive. The plasma appears much cleaner. In this case, the frequencies have acted by eliminating the "cellular noise." The erythrocyte membranes have improved significantly.

Case 8 Analysis:

Blood sample from Subject H BEFORE applying PRANAN frequencies

In this case, it is noteworthy that the immune defenses are somewhat low, due to the limited activity of the white blood cells and the presence of "ghost" erythrocytes, which gradually disappear from the sample over time—an indication of immune weakness.

Blood sample from Subject AFTER applying PRANAN frequencies

There is increased mobility and an improvement in immune defenses (no more disappearing erythrocytes). It seems that the frequencies have stimulated the immune system.

8.- CONCLUSIONS

This study demonstrates significant improvements when binaural PRANAN frequencies (REGENERATOR) are applied to individuals through auditory sessions. Improvements in erythrocytes and plasma have been observed. "Intercellular noise" has decreased, enhancing cellular communication, pH balance (acid/base equilibrium), and the functioning of excretory pathways.

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