



**Bureau d'Expertise et R&D en Biophotonique**

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## **SCIENTIFIC STUDY in BIOPHOTONICS**

June 2024

Demonstrate through measurements made with the GDV Bio-Well camera (electro-photonic imaging) that the Bracelet with two sacred frequencies, 174Hz (inner side) and 285Hz (outer side of the bracelet) has a beneficial action on :

- Pain reduction
- Psychophysiological Stress Reduction
- Pain relief
- ATP Regulation
- Immune System
- Endocrine System

### **General conclusion**

**The results of the analyses show that use of the bracelet has positive overall effects on stress management, pain reduction and improved health and well-being.**

From the Zone diagram, whose measurements are expressed with the “HS” parameter, the scientific analysis was carried out as follows:

- Extraction of values for each organic zone, for both the left and right sides of each diagram.
- Calculation of the difference between the values in each diagram, representing the potential impact of the bracelet on the energy measured.
- Presentation of results in tabular form, showing changes in terms of increased or decreased energy.

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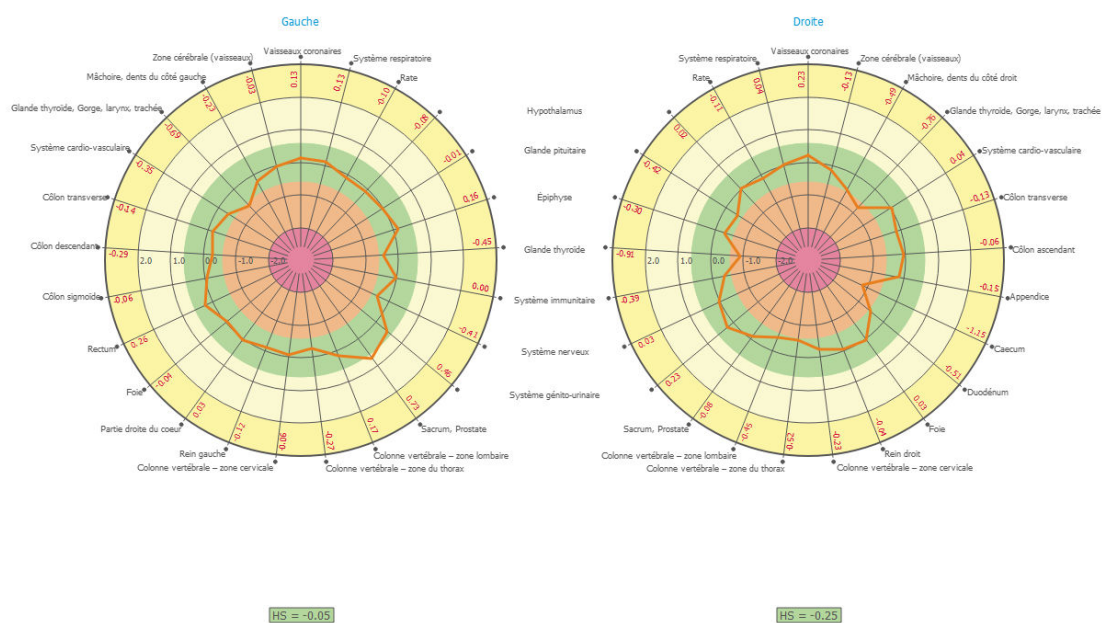
The HS (Integral Area) parameter used in this study is a key indicator of the body's functional state, integrating physical, psychophysiological and energetic aspects. It represents the average value of the energetic emission surface. This approach provides a quantitative representation of the subject's bioelectrical energy, offering an overview of its overall energetic state.

Analysis of variations in low, normal or high values of the “HS” parameter, for all organs and functional systems of the human body, enables us to evaluate :

- The body's ability to adapt to different stimuli.
- Psychophysiological and organic stress
- Metabolic balance. *Metabolic imbalances or disturbances manifest themselves as anomalies in the distribution or intensity of electrophotonic emissions.*
- Dysfunction of internal organs and systems
- Dysfunction of vegetative balance

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### Example of a Zone Diagram



## CASE N°1

The following table represents the average of 3 measurements taken 45 minutes, 1H and 1H30 after wearing the Bracelet. The figures in the columns represent the level of activity of the systems and organs.

### *Comparative table of average values for the 3 measurements before and after using the bracelet*

Organes/Zones	Valeurs Avant Gauche	Valeurs Avant Droite	Valeurs Après Gauche	Valeurs Après Droite	Différence Gauche	Différence Droite
Système respiratoire	-0,05	-0,13	0,02	-0,10	+0,07	+0,03
Système cardio-vasculaire	-0,03	-0,16	-0,01	-0,04	+0,02	+0,12
Glande thyroïde	-0,07	-0,08	0,05	-0,01	+0,12	+0,07
Hypothalamus	--	-0,35	--	-0,31	--	+0,04
Glande pituitaire	--	-0,38	--	-0,33	--	+0,05
Système immunitaire	-0,39	-0,59	-0,14	-0,16	+0,25	+0,43
Système nerveux	-0,63	-0,72	-0,44	-0,51	+0,19	+0,21
Foie	--	-0,54		-0,43	--	+0,11

Analysis focused on biophotonic evaluation, and the summary presented brings together the general trends observed in terms of stress regulation, pain relief and improved physiological functions.

### **Bracelet enhancements**

Analysis of the measurements after using the bracelet reveals significant improvements in almost all the areas measured, suggesting that the bracelet has a stabilizing effect on body energy. For Case N°1, the areas showing the greatest improvement are as follows:

1. **Respiratory system:** After using the bracelet, energy levels balanced out, with an increase of +0.07 on the left side and +0.03 on the right. This reflects an improvement in respiratory function, potentially linked to better stress management and reduced respiratory fatigue.
2. **Cardiovascular system:** A significant increase is observed, particularly on the right side with +0.12. This may indicate better regulation of the cardiac system, with a direct impact on reducing physiological stress.

3. **Thyroid gland:** Thyroid regulation has improved, with an increase of +0.12 on the left and +0.07 on the right, suggesting hormonal rebalancing. This may reduce fatigue and promote better resistance to stress..
4. **Immune system:** The improvement is impressive, with an increase of +0.25 on the left and +0.43 on the right. This rebalancing may indicate a better immune response, helping to reduce stress states and prevent inflammation-related pain.
5. **Nervous system:** The bracelet appears to have a calming effect on the nervous system, with an improvement of +0.19 on the left and +0.21 on the right. This could be linked to reduced sensitivity to pain and better management of stressful situations.
6. **Hypothalamus and pituitary gland:** These two glands show an increase in energy, with +0.04 for the hypothalamus and +0.05 for the pituitary gland, which may indicate improved regulation of stress hormones and better pain management.

### **Overall impact on stress and pain**

Energetic improvements in the main systems affected by stress, notably **the nervous, immune and endocrine (thyroid, hypothalamus, pituitary) systems**, reveal that the bracelet acts as an **energy regulator**.

This harmonization of energy levels in these critical areas suggests that the bracelet helps to better manage stress by reinforcing the body's ability to adapt.

Stress reduction is often associated with a reduction in body aches and pains, particularly those linked to energetic and nervous imbalances.

**In conclusion, the bracelet shows beneficial effects in rebalancing the body's energy, which translates into a potential reduction in stress and associated pain, by strengthening the immune and nervous systems as well as hormonal regulation.**

## CASE N°2

The following table represents the average of 2 measurements taken 1H and 1H30 after wearing the Bracelet. The figures in the columns represent the level of activity of the systems and organs.s.

### *Comparative table of average values for the 2 measurements before and after using the bracelet*

Organes/Zones	valeurs	valeurs	valeurs	valeurs	Différence Gauche	Différence Droite
	Avant Gauche	Avant Droite	Après Gauche	Après Droite		
Système respiratoire	-0,05	-0,10	0,06	-0,03	+0,11	+0,07
Système cardio-vasculaire	-0,12	-0,08	0,01	-0,07	+0,13	+0,01
Glande thyroïde	-0,04	-0,07	0,03	-0,03	+0,07	+0,04
Hypothalamus	-0,32	-0,25	-0,15	-0,20	+0,17	+0,05
Glande pituitaire	-0,25	-0,33	-0,10	-0,18	+0,15	+0,15
Système immunitaire	-0,51	-0,62	-0,31	-0,30	+0,20	+0,32
Système nerveux	-0,63	-0,72	-0,44	-0,51	+0,19	+0,21
Foie	-0,45	-0,50	-0,20	-0,25	+0,25	+0,25

### Analysis of bracelet improvements

Use of the bracelet has an overall positive effect on several body systems, improving energy levels and potentially helping to regulate imbalances observed prior to use. Here's a more detailed analysis of the improvements observed:

#### 1. Respiratory system :

- A noticeable improvement in energy is observed, with an increase of +0.11 on the left and +0.07 on the right. This indicates a better regulation of breathing and potentially a reduction in stress or tension in this system. This may also contribute to better resistance to physical exertion or states of exhaustion.

#### 2. Cardiovascular system :

- On the left-hand side, energy rose from -0.12 to +0.01, an increase of +0.13. On the right side, there was also a slight improvement of +0.01. This rebalancing of the cardiovascular system could indicate better management of cardiac and circulatory stress, thus reducing the load on the heart and promoting better cardiovascular performance.

#### 3. Thyroid gland :

- An increase of +0.07 (left) and +0.04 (right) is observed, indicating an improvement in thyroid gland energy. This suggests improved hormonal regulation, contributing to reduced overall stress and optimized metabolism. As the thyroid is essential to the body's energy regulation, this effect is particularly significant.
- 4. Hypothalamus and pituitary gland :**
- The hypothalamus showed a significant improvement of +0.17 (left) and +0.05 (right). As for the pituitary gland, energy increased by +0.15 on each side. These two glands play a key role in the regulation of stress hormones (such as cortisol), and their rebalancing could indicate better stress management and a reduction in symptoms associated with anxiety or emotional overload.
- 5. Immune system :**
- The immune system shows an improvement of +0.20 on the left and +0.32 on the right. This could indicate an enhanced immune response, contributing to better resistance to infection and inflammation. Indeed, a more balanced immune system is essential to reduce body stress caused by excessive inflammatory responses.
- 6. Nervous system :**
- Increases of +0.19 (left) and +0.21 (right) are observed, indicating better regulation of the nervous system. This could lead to a reduction in symptoms linked to stress, anxiety or sleep disorders. A more balanced nervous system also favours a reduction in chronic pain, often associated with nervous imbalances.
- 7. Liver :**
- The liver shows an increase of +0.25 on each side. As this organ is essential to the body's detoxification and nutrient metabolism, this improvement may indicate a better ability of the liver to filter toxins and regulate the overall energy balance, thus helping to reduce metabolic stress.

## **Conclusion**

The bracelet has a harmonizing and regulating effect on several essential bodily systems, including the respiratory, cardiovascular, nervous and immune systems, as well as the endocrine glands (hypothalamus, pituitary and thyroid).

The positive effects observed on the liver, nervous system and hormonal glands are particularly important, as they are directly linked to the management of stress and pain responses in the body.

**These energy enhancements contribute to better stress management, reduced pain and overall improved health and well-being.**

### CASE NO. 3

The following table represents the average of 3 measurements taken 1H, 1H30 and 2H after wearing the Bracelet. The figures in the columns represent the level of activity of the systems and organs.

#### Comparative table of average values for 3 measurements before and after using the bracelet

Organes/Zones	Valeurs Avant Gauche	Valeurs Avant Droite	Valeurs Après Gauche	Valeurs Après Droite	Différence Gauche	Différence Droite
Système respiratoire	-0,05	-0,10	0,21	0,07	+0,26	+0,17
Système cardio-vasculaire	-0,15	-0,13	0,01	0,02	+0,16	+0,15
Glande thyroïde	-0,25	-0,17	0,10	0,07	+0,35	+0,24
Hypothalamus	-0,30	-0,25	-0,10	-0,15	+0,20	+0,10
Glande pituitaire	-0,33	-0,34	-0,08	-0,07	+0,25	+0,27
Système immunitaire	-0,60	-0,52	-0,31	-0,25	+0,29	+0,27
Système nerveux	-0,65	-0,70	-0,20	-0,30	+0,45	+0,40
Foie	-0,40	-0,45	0,10	-0,05	+0,50	+0,40

#### Analysis of bracelet improvements

Analysis of the diagrams before and after use of the bracelet shows significant improvements in several key body systems, particularly in energy regulation, stress management and potential pain reduction. Here's a detailed assessment of the improvements observed:

##### 1. Respiratory system :

- A substantial increase in energy is observed with +0.26 (left) and +0.17 (right). This indicates improved respiratory capacity and reduced stress associated with breathing. These improvements could also translate into better oxygenation and reduced fatigue.

##### 2. Cardiovascular system :

- A notable improvement was noted with +0.16 on the left and +0.15 on the right. The cardiovascular system appears to be better regulated, which may contribute to lower blood pressure and better blood circulation. This may also reduce the risk of cardiac stress or exhaustion.

##### 3. Thyroid gland :

- The thyroid gland shows a significant improvement with +0.35 (left) and +0.24 (right). This suggests better hormonal regulation, which could reduce symptoms of fatigue, stress and other metabolic disorders often associated with thyroid dysfunction.

#### **4. Hypothalamus and pituitary gland :**

- The hypothalamus shows an improvement of +0.20 on the left and +0.10 on the right, while the pituitary gland shows an increase of +0.25 (left) and +0.27 (right). These glands are crucial in managing hormonal stress, particularly cortisol. Rebalancing them could mean better management of stress responses, promoting better emotional control and a reduction in stress-related pain.

#### **5. Immune system :**

- A significant improvement with +0.29 (left) and +0.27 (right) is observed, suggesting a strengthening of the immune system. This could lead to better resistance to infection and less inflammation, often exacerbated by stress, which indirectly contributes to a reduction in pain.

#### **6. Nervous system :**

- The nervous system shows an energetic increase of +0.45 on the left and +0.40 on the right, which could indicate an improvement in nerve regulation, particularly in terms of reduced anxiety and stress. This may also contribute to reduced pain sensitivity and better emotional management.

#### **7. Liver :**

- The liver showed a notable improvement of +0.50 on the left and +0.40 on the right. As this organ is responsible for detoxifying the body, these improvements suggest a better ability to filter toxins and reduce metabolic stress. A healthier liver also promotes a more stable energy metabolism, reducing fatigue and feelings of heaviness.

### **Conclusion**

The bracelet has a harmonizing and balancing effect on several major body systems, including the respiratory, cardiovascular, immune and nervous systems, as well as the endocrine glands (hypothalamus, thyroid, pituitary). These improvements point to better stress management, reduced chronic pain and optimized body energy.

In particular, the nervous and immune systems benefit greatly from the use of the bracelet, which may contribute to a significant reduction in stress symptoms and associated pain. The rebalancing observed in the liver and endocrine glands also promotes optimal regulation of body functions essential to overall well-being.



## General conclusion

**Analysis results show that using the bracelet has positive overall effects on stress management, pain reduction and improved health and well-being.**

By harmonizing body energy levels in key systems, the bracelet helps to strengthen the body's ability to manage physiological and psychological stress. These positive effects manifest themselves in better regulation of immune, nervous, hormonal and metabolic functions, bringing measurable benefits in terms of vitality, physical comfort and overall well-being.

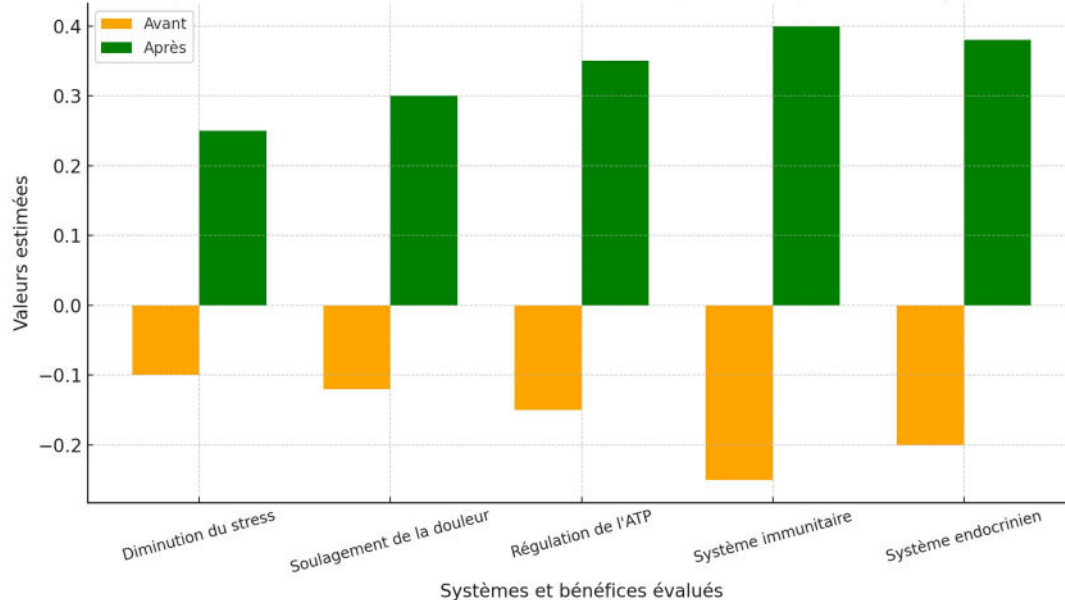
The harmonizing impact of the bracelet enables finer regulation of essential body systems, reducing risk factors linked to energy imbalances and significantly improving individuals' quality of life, both physically and emotionally.

Each series of tests showed a reduction in psychophysiological stress, relief of internal tensions and better regulation of ATP production, thus promoting cellular regeneration.

These results are in line with the principles of quantum medicine, and demonstrate the effectiveness of the bracelet in restoring body homeostasis and improving quality of life.

## Overall comparison before and after using the Bracelet

Comparaison globale avant et après utilisation du bracelet : Effets sur le stress, la douleur, l'ATP et les systèmes immunitaire et endocrinien



Comparative histogram illustrating the effects before and after using the bracelet with the sacred frequencies 174Hz (inside) and 285Hz (outside) on various parameters:

1. **Stress reduction:** A noticeable improvement after using the bracelet, indicating nervous system regulation and a reduction in psychophysiological stress.

2. **Pain relief:** A significant improvement is observed, reflecting the regulation of nerve signals and a reduction in pain.
3. **ATP regulation:** regulation of ATP production is enhanced, promoting inter-membrane exchange and cell regeneration.
4. **Improved immune system:** Increased energy in the immune system, suggesting better defense against inflammation and infection.
5. **Endocrine system:** The bracelet helps balance the endocrine glands, promoting better hormone production and a more harmonious internal balance.

This histogram highlights the overall benefits of the bracelet, with significant improvements in several aspects crucial to well-being and health.