

# RAPPORT D'EXPERTISE



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

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## SCIENTIFIC STUDY

### **Innovative approach combining Biophotonics and Traditional Chinese Medicine to support global health.**

**Biophotonic evaluation (electrophotonic imaging) using the GDV2 Bio-Well camera, of the action of the “Cyma-Seat” cymatic disc on the acupuncture meridians (TCM), in the seated position.**

- Demonstrate the effectiveness of the “Cyma-Seat” cymatic disc's action on the functional balance of the 12 acupuncture meridians.
- Demonstrate the effectiveness of the “Cyma-Seat” cymatic disc in balancing the ANS and other functional systems of the human body.

## CONCLUSION

**The results of this scientific study show a correlation between improved acupuncture meridian balance percentages (TCM) and improved ANS balance percentages and Functional Systems of the human body.**

**The use of the “Cyma-Seat” disc aims to harmonize the body's energy by acting on both the energy balance percentages of the acupuncture meridians (traditional energy systems) and the body's Functional Systems, promoting a synergistic interaction between these two systems.**

**This approach promotes optimal energy regulation and overall health, offering significant physical and emotional benefits.**

Michel ETILE

Expert Universitaire en Biophotonique

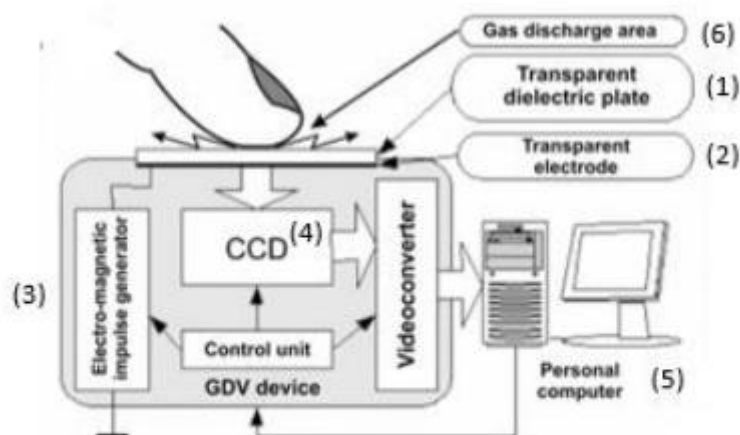
## BIOPHOTONICS

Biophotonics is a scientific method for measuring vital organic energy (Mitochondrial ATP), successfully used in sixty-two countries.

The effect is produced when an object is placed on a glass plate and stimulated by a current; a visible glow appears, the gas discharge. With EPI bio-electrography cameras, the Kirlian effect is quantifiable and reproducible for scientific research purposes. The images captured (Bio-grams) of the ten fingers of each human subject provide detailed information on the person's psychophysiological and organic state. By examining the fluorescent images of the fingertips, which change dynamically according to states of health, it is possible to identify areas of congestion or health in all the functional systems of the human body. Each generated fingertip photograph is analyzed by sector division, according to acupuncture meridians. Germany's Dr. Peter Mandel and Dr. Voll developed this complex, well-defined method over several decades.

What's more, in most healthy people, results vary by only 8-10% over several years of measurements, indicating a high level of precision with this technique. Complex software records these measurements into parameters that help to elucidate the person's state of health at the time of measurement.

### BIOPHOTONICS MEASURING DEVICE



GDV camera diagram

### Physical principles of the Bio-Well GDV camera

There's a glass electrode, a transparent dielectric plate (1) under which there's a transparent electrode (2) which is a conductive layer to which high-voltage pulses are sent by the electromagnetic pulse generator (3) inside the GDV device. The glow created in the air is photographed by the video camera (4) and then transformed into digital images on the computer (5). The emission of negative electrons and positive protons produced by the powerful electric field creates an electronic avalanche known as a "corona discharge" (6), giving rise to the light emission (glow) that the camera records. The video camera photographs the corona discharge created by the electronic flow of matter, in this case the subject's finger.

This electro-photonic imaging technique is non-invasive and is used to assess the functional state of the human body by recording the response of the autonomic nervous system to a high-intensity electromagnetic field (EMF). This EMF is created by using an electro-photonic pulse analyzer to measure the electrical conductance of fingertip tissue. According to the philosophy of traditional Chinese medicine and Su-Jok acupuncture, the areas of the fingertips correspond to specific physiological systems whose energy we will measure in joule units ( $10^{-2}$ ) to assess the functional status of organs and systems.

## The “Cyma-Seat”

Large Cymatic Disc to place on a chair, armchair or sofa.

Inner side



Outer side



Sitting on this face

External and internal frequencies range from 50Hz to 400Hz

### **List of acupuncture meridians impacted by the action of the “Cyma-Seat” disc, in the seated position.**

- Bladder meridian (V30, V36, V37 and V40)
- Kidney meridian (Rn1)
- Liver meridian (F8, F11 and F12)
- Spleen meridian (Rt6, Rt9 and Rt12)

- Stomach meridian (E30, E31 and E34)
- Gall Bladder meridian (VB30, VB31 and VB34)
- Governor meridian (May) (VG1, VG2 and VG3)
- Conception meridian (May ren) (VC3, VC4 and VC6)

### **EXPECTED EFFECTS:**

- Energetic harmonization of the pelvis: the points mentioned present an energetic balance in the pelvic region, often considered a vital energy center in traditional Chinese medicine (close to the concept of lower dan tian).
- Activation of major meridians: notably bladder, conception, governor and penetrating, which run through these areas.
- Activation of blood and energy circulation: vibrations can improve microcirculation and energize subtle energy flows.

### **CONDITIONS FOR OPTIMAL STIMULATION:**

Calibration of cymatic frequencies: frequencies favoring harmonization of vital mitochondrial energy (ATP) and relaxation. The frequency of the inner side of the disc is between 50Hz and 100Hz, and the frequency of the outer side between 300Hz and 400Hz.

Disc diameter = 22.5 cm (14 times Phi, the Golden Number)

Correct position: Sit on the INSIDE of the disc so that the vibrations are distributed evenly over the pelvic area.

Session duration: 60 minutes.

### **METHODOLOGY:**

For each case studied: Before and after 1H sitting on the “Cyma-Seat”:

- Measurement of balance percentages and energy of the 12 acupuncture meridians.
- Measurement of the balance percentages of the Autonomic Nervous System (ANS) in all functional systems of the human body.
- Measurement of the balance percentages and energy of the 9 functional systems of the human body (Head, Cardiovascular system, Endocrine system, Digestive system, Respiratory system, Musculoskeletal system, Genito-urinary system, Central Nervous system (CNS), Immune system). Vital energy measured in Joule units ( $10^{-2}$ ).

244 parameters analyzed for each “Before/After” measurement.

## CONCLUSION

One hour's exposure to the “Cyma-Seat” cymatic disc induces a significant and measurable increase in the balance percentages of the 12 acupuncture meridians (TCM), reaching values of between 90% and 100%. This harmonization reflects an optimal energetic state, essential in Traditional Chinese Medicine (TCM) to ensure the smooth circulation of Qi (vital energy) and blood, thus preventing pathological imbalances.

The harmonizing effect of Cyma-Seat also extends to the body's Functional Systems. By aligning meridian energies with normative values (4 to 6 Joules  $\times 10^{-2}$ ), it reduces energy excesses in meridians or functional systems exceeding 6 Joules ( $10^{-2}$ ), while maintaining or optimizing lower energy levels. This regulation contributes to an even, balanced distribution of energy throughout the various physiological structures.

Cyma-Seat has a beneficial influence on energy balance and its impact on the human body's ANS and functional systems.

### Health benefits of Cyma-Seat exposure

#### 1. Energy harmonization of meridians:

One hour's exposure to the “Cyma-Seat” promotes a balanced redistribution of Qi (vital energy) through the acupuncture meridians. This harmonization reduces excess energy in the meridians where values exceed 6 Joules ( $10^{-2}$ ), bringing them down to an optimum range of 4 to 6 Joules ( $10^{-2}$ ), in line with energy standards. This harmonization is essential to prevent pathological imbalances and maintain overall health.

#### 2. Increasing functional balance percentages:

Meridian balance percentages between 90% and 100% reflect near-perfect energetic harmony. This ensures the proper functioning of organs and Functional Systems. Such an increase is particularly beneficial for maintaining optimum vitality and preventing energy dysfunctions.

#### 3. Improved Autonomic Nervous System (ANS):

Although the energy levels measured do not vary in a statistically significant way, the increase in the percentages of functional balance of the meridians has an indirect impact on the ANS.

**4. Reduced stress and improved emotional well-being:**

**The energetic balance of the meridians has a positive effect on emotional regulation, notably by reducing nervous tension and promoting a state of relaxation. Meridians such as the Heart and Liver, often involved in stress management, benefit particularly from this harmonization.**

**5. Boosting overall health:**

**A global energetic harmonization of the meridians and functional systems of the human body contributes to better immune resistance, optimized management of the body's energy resources, and increased vitality.**

**This energetic rebalancing, coupled with improved ANS regulation, promotes optimal health, reducing the risk of chronic imbalances and improving quality of life.**

## RESULTS ANALYSIS



### Reminder

- 244 parameters analyzed for each Before/After measurement.
- **Each case was measured 3 times “Before/After” on three different days, at least 2 days apart.**

Analysis of the results is based on the average of all measurements taken over the 3 days of testing.

**For each case, the summary table presented in this study contains the averages of the 732 parameters studied as part of this scientific study in Biophotonics.**

That's 465 parameters to be analyzed for the 3 “Before/After” measurements:

- For the 12 acupuncture meridians: 72 energy measurements + 72 balance percentage measurements.
- For the 9 Functional Systems of the human body: 54 measurements of balance percentages.
- For the 40 Organs: 240 energy measurements.
- For the Autonomic Nervous System (ANS): 196 measurements of balance percentages (this system controls the functioning of all the organs and functional systems of the human body).

## D) Case N°1

December 2024 measurements

Energy measurements in Joules ( $10^{-2}$ ) units of the 12 Meridians (MTC).

Standard = between 4 and 6 joules ( $10^{-2}$ )

Measurements of the balance percentage of the 12 Meridians (SNA action).

Optimum norm = between 90% and 100%.

### A) Analysis of “Cyma-Seat” action on energy and percentage balance of the 12 acupuncture meridians

Reminder: The summary table presented in this study contains the averages of the 732 parameters investigated in this scientific study.

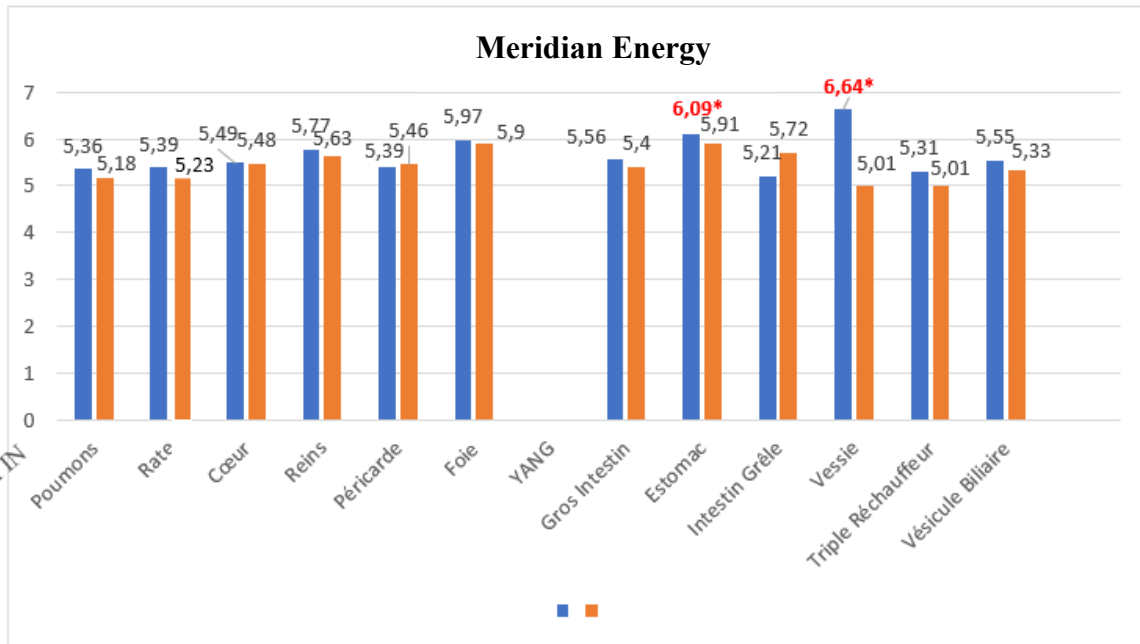
Measures Meridians	BEFORE Energy in Joules ( $10^{-2}$ )	1H AFTER Energy in Joules ( $10^{-2}$ )	BEFORE Percentage balance	1H AFTER Percentage balance
<b>YIN</b>				
Lungs	5,36	5,18	89%	100%
Spleen	5,39	5,23	84%	99%
Heart	5,49	5,48	89%	93%
Kidneys	5,77	5,63	90%	95%
Pericardium	5,39	5,46	85%	93%
Liver	5,97	5,90	74%	96%
<b>YANG</b>				
Large intestine	5,56	5,40	79%	87%
Stomach	*6,09	*5,91	-	-
Small intestine	5,21	5,72	84%	94%
Bladder	*6,64	*5,01	76%	90%
Triple Heater	5,31	5,01	92%	97%
Gallbladder	5,55	5,33	-	-

**\*\* = harmonization of energy which was increasing in the Bladder and Stomach.**

**Energy: Acupuncture meridians retain statistically equivalent energy before and after 1 hour's use of the Cyma-Seat in a seated position.**

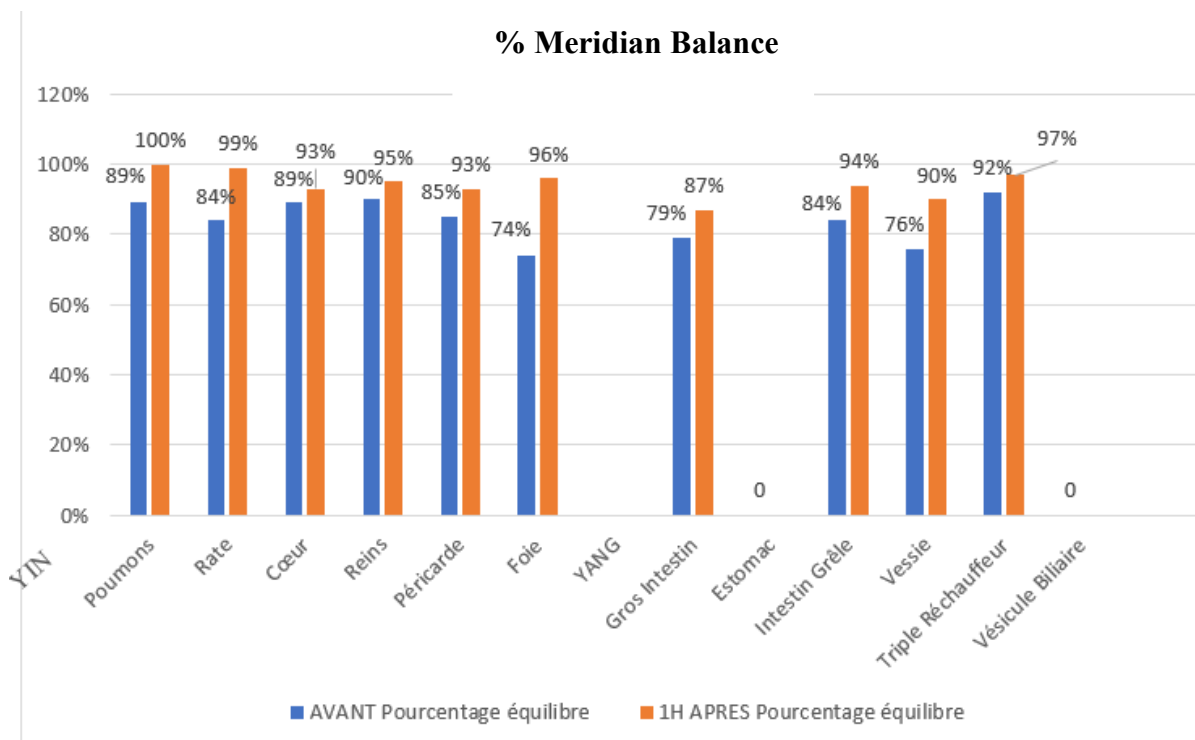
**The action of the “Cyma-Seat” disc frequencies increases the percentages of functional balance of the meridians, promoting harmonization of the body's energy by acting on the energy balance of the acupuncture meridians.**





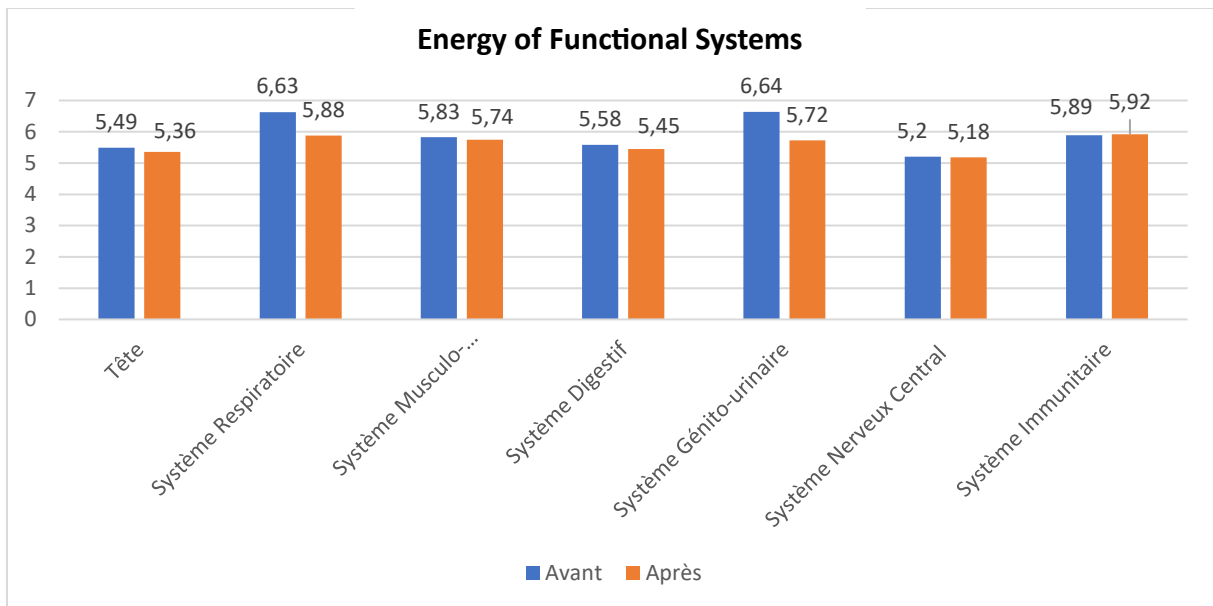
\* = harmonization of energy that was increasing in the Stomach and Bladder.

**Energy: Acupuncture meridians statistically retain equivalent energy before and after sitting on the “Cyma-Seat” disc for 1 hour.**

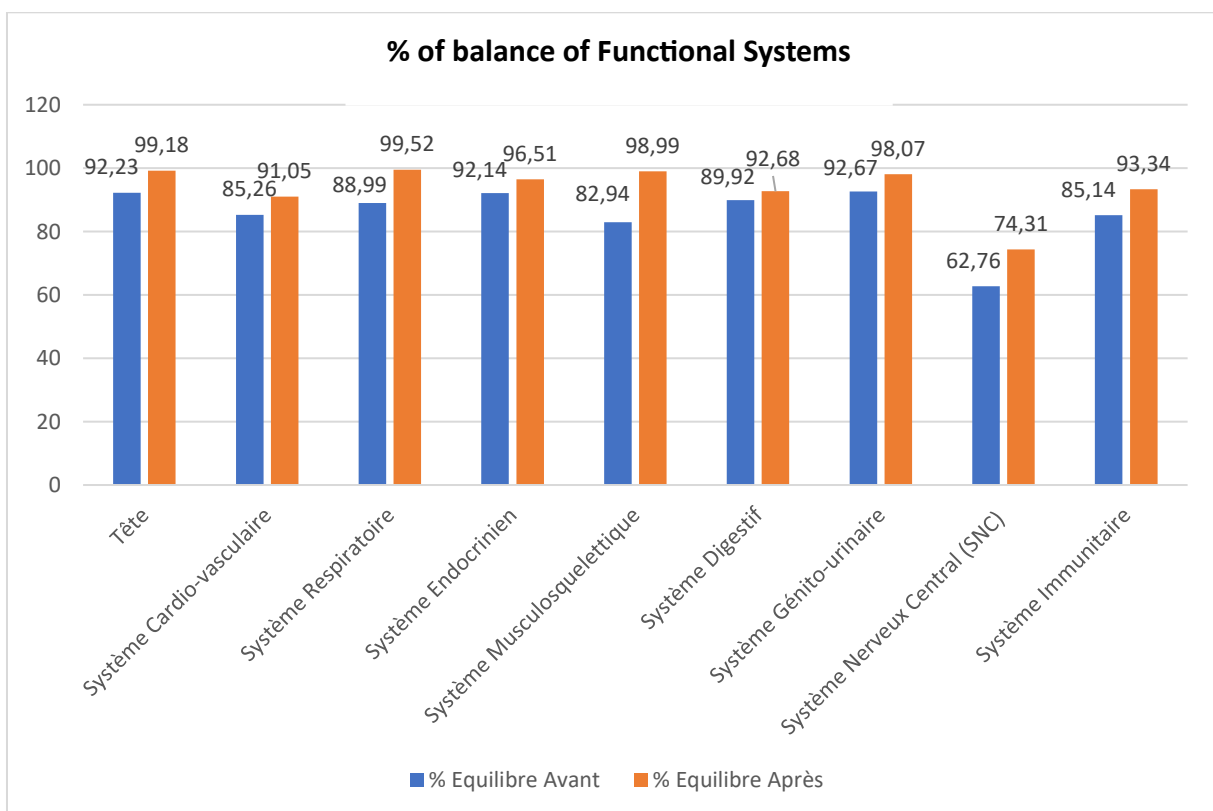


**The action of the “Cyma-Seat” disc frequencies statistically increases all the percentages of functional meridian balance, promoting harmonization of the body's energy by acting on the energetic balance of the acupuncture meridians.**

**B) Analysis of “Cyma-Seat” action on the energy and balance percentage of the 9 Functional Systems of the human body**



**Energy: Functional Systems retain statistically equivalent energy before and after sitting on the “Cyma-Seat” disc for 1 hour.**



**The frequency action of the “Cyma-Seat” disc statistically increases all the percentages of balance in the Functional Systems, promoting overall organic energy harmonization.**

## **II) Case 2**

December 2024 measurements

Energy measurements in Joules ( $10^{-2}$ ) units of the 12 Meridians (MTC).

Standard = between 4 and 6 joules ( $10^{-2}$ )

Measurements of the balance percentage of the 12 Meridians (SNA action).

Optimum norm = between 90% and 100%.

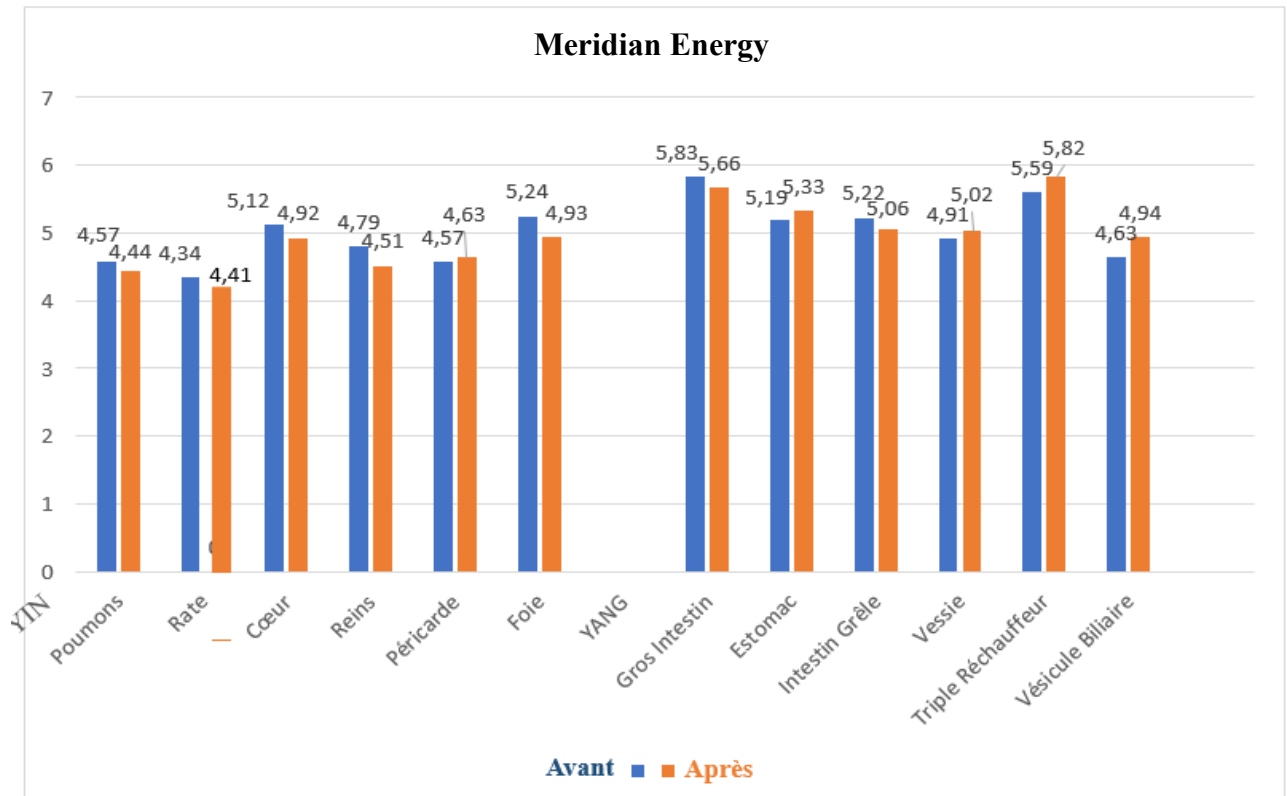
Reminder: The summary table presented in this study contains the averages of the 732 parameters studied as part of this scientific study.

### **A) Analysis of “Cyma-Seat” action on energy and percentage balance of the 12 acupuncture meridians**

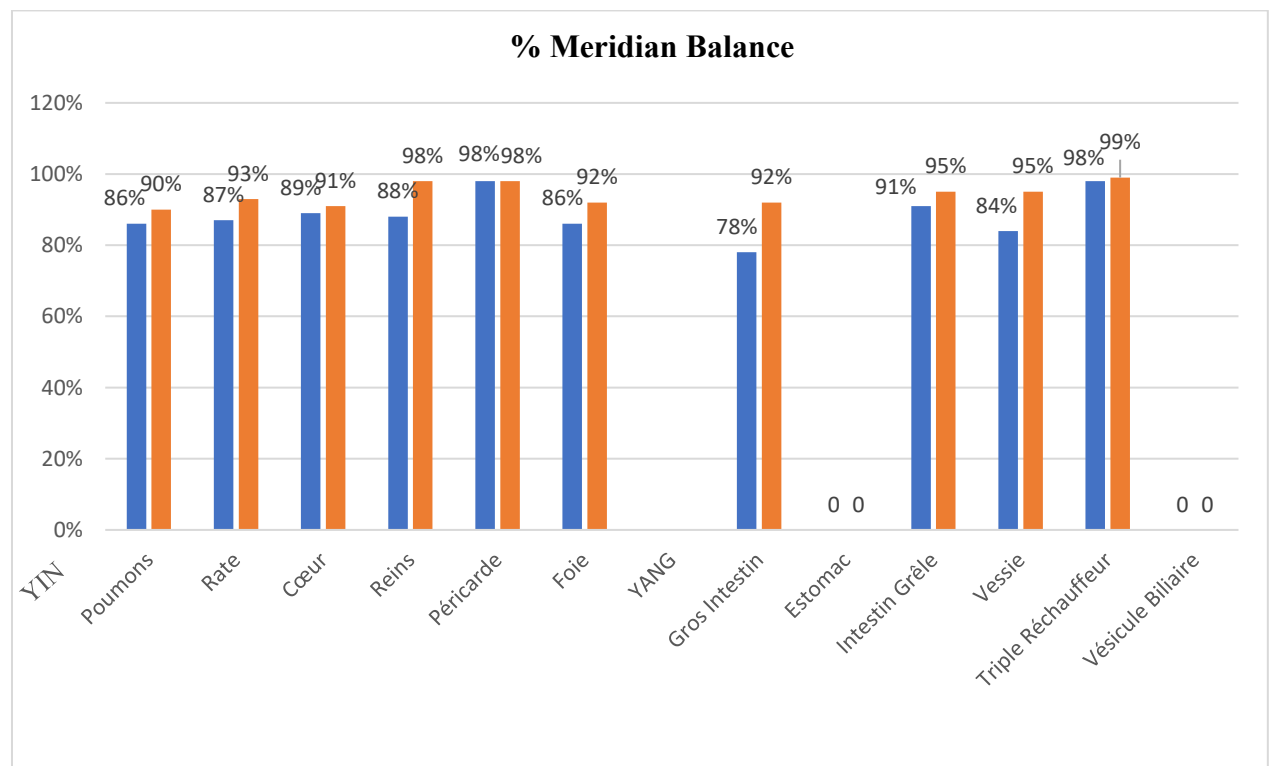
<b>Measures Meridians</b>	<b>BEFORE Energy in Joules (<math>10^{-2}</math>)</b>	<b>1H AFTER Energy in Joules (<math>10^{-2}</math>)</b>	<b>BEFORE Percentage balance</b>	<b>1H AFTER Percentage balance</b>
<b>YIN</b>				
Lungs	4,57	4,44	86%	90%
Spleen	4,34	4,41	87%	93%
Heart	5,12	4,92	89%	91%
Kidneys	4,79	4,51	88%	98%
Pericardium	4,57	4,63	98%	98%
Liver	5,24	4,93	86%	92%
<b>YANG</b>				
Large intestine	5,83	5,66	78%	92%
Stomach	5,19	5,33	-	-
Small intestine	5,22	5,06	91%	95%
Bladder	4,91	5,02	84%	95%
Triple Heater	5,59	5,82	98%	99%
Gallbladder	4,63	4,94	-	-

**Energy: Acupuncture meridians retain statistically equivalent energy before and after sitting on the Cyma-Seat disc for 1 hour.**

**The action of the “Cyma-Seat” disc is targeted at the meridians' functional balance percentages.**

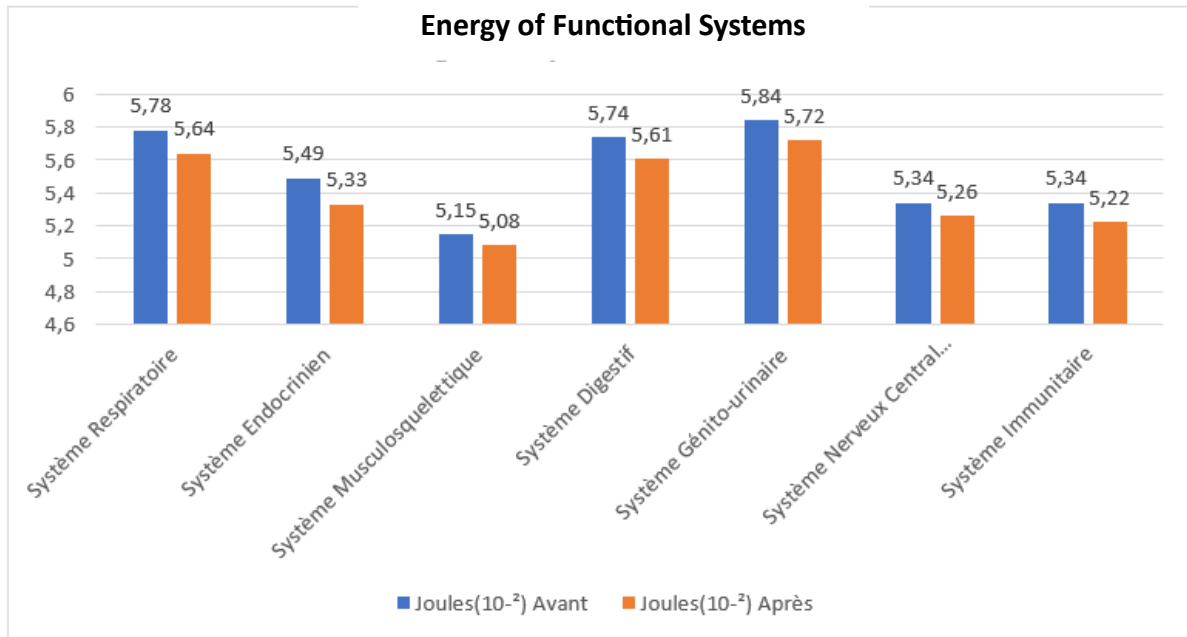


**Energy: Acupuncture meridians retain statistically equivalent energy before and after 1 hour's use of the Cyma-Seat in a seated position.**

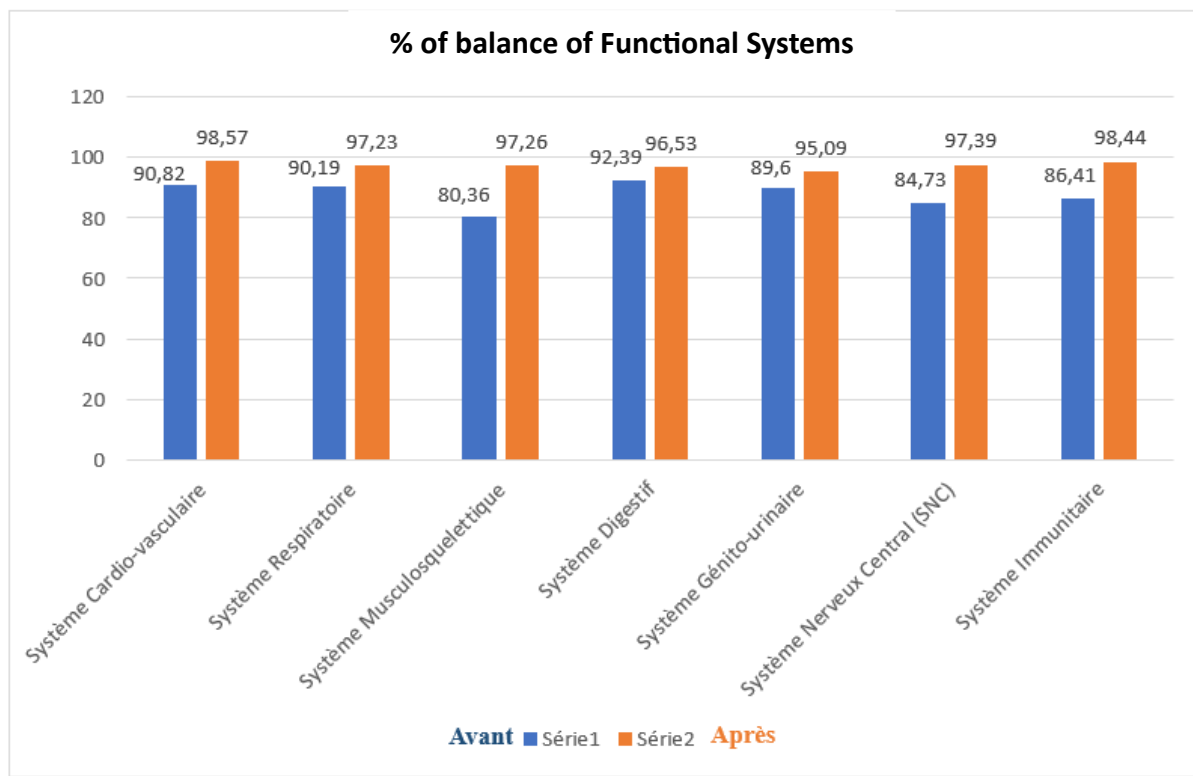


**The action of the “Cyma-Seat” disc frequencies statistically increases all the percentages of balance in the Functional Systems, promoting overall organic energy harmonization.**

## B) Analysis of “Cyma-Seat” action on the energy and balance percentage of the Functional Systems of the human



**Energy: Functional Systems statistically retain equivalent energy before and after sitting on the Cyma-Seat disc for 1 hour.**



**The action of the “Cyma-Seat” disc frequencies statistically increases all percentages of balance in the Functional Systems, promoting overall organic energy harmonization.**

## II) Case N° 3

December 2024 measurements

Energy measurements in Joules ( $10^{-2}$ ) units of the 12 Meridians (MTC).

Standard = between 4 and 6 joules ( $10^{-2}$ )

Measurements of the balance percentage of the 12 Meridians (SNA action).

Optimum norm = between 90% and 100%.

Reminder: The summary table presented in this study contains the averages of the 732 parameters studied as part of this scientific study.

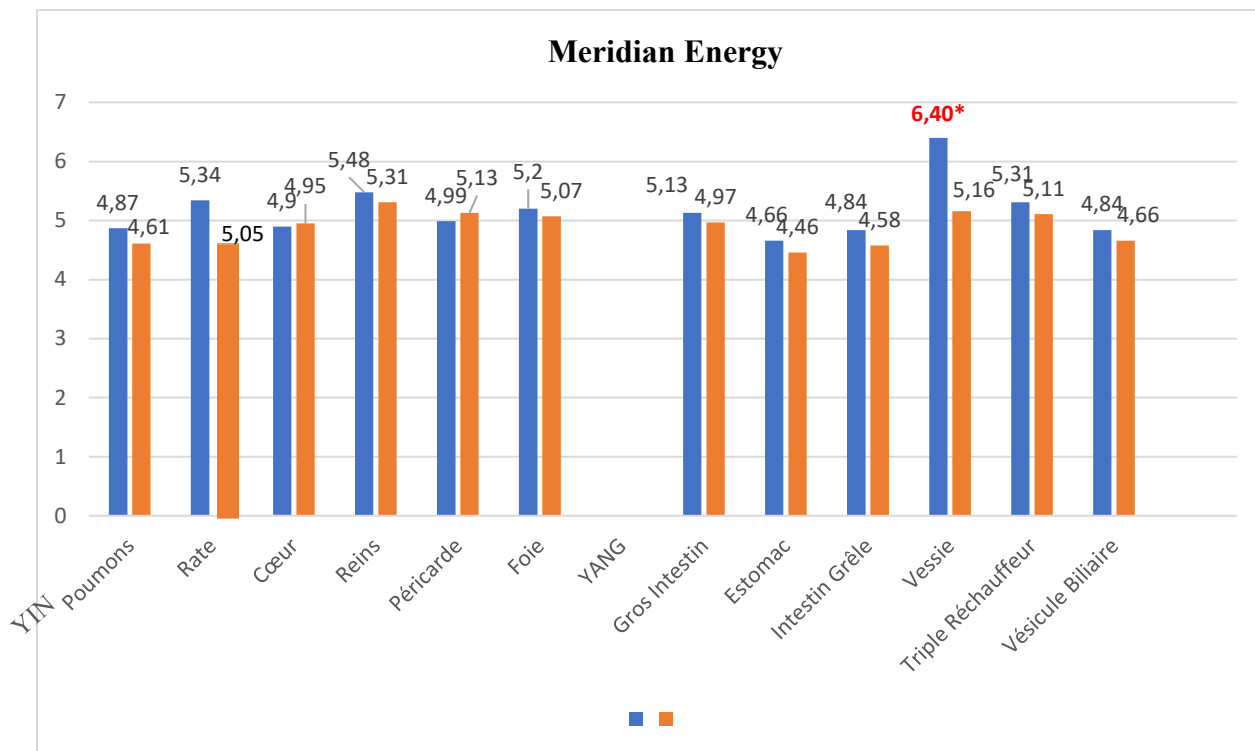
### A) Analysis of “Cyma-Seat” action on energy and percentage balance of the 12 acupuncture meridians

Measures Meridians	BEFORE Energy in Joules ( $10^{-2}$ )	1H AFTER Energy in Joules ( $10^{-2}$ )	BEFORE Percentage balance	1H AFTER Percentage balance
<b>YIN</b>				
Lungs	4,87	4,61	93%	100%
Spleen	5,34	5,05	90%	97%
Heart	4,90	4,95	86%	97%
Kidneys	5,48	5,31	84%	98%
Pericardium	4,99	5,13	79%	92%
Liver	5,20	5,07	85%	94%
<b>YANG</b>				
Large intestine	5,13	4,97	84%	96%
Stomach	4,66	4,46	-	-
Small intestine	4,84	4,58	87%	96%
Bladder	<b>*6,40</b>	<b>*5,16</b>	83%	99%
Triple Heater	5,31	5,11	90%	99%
Gallbladder	4,84	4,66	-	-

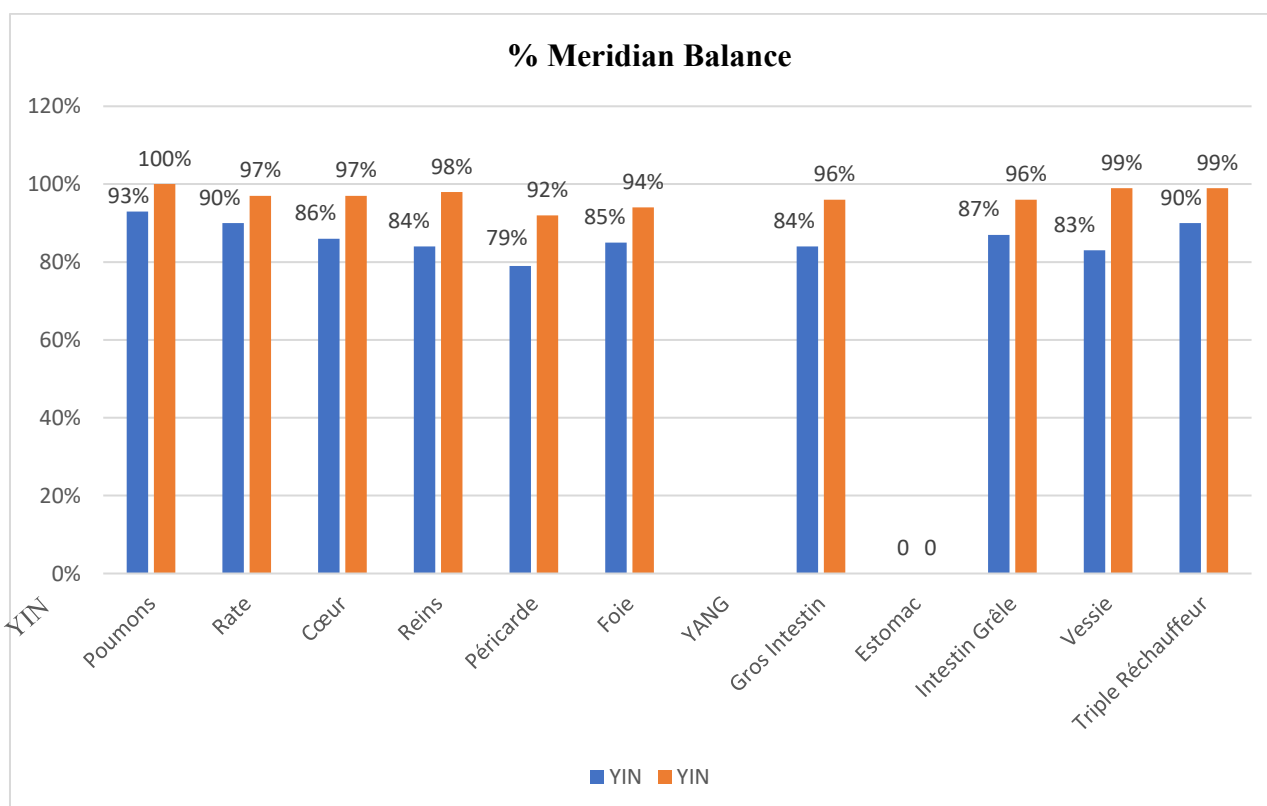
**\*\* = harmonization of energy that was increasing in the Bladder.**

**Energy: Acupuncture meridians statistically retain equivalent energy before and after treatment.**

**The action of the “Cyma-Seat” disc is targeted on the percentages of functional balance of the meridians.**

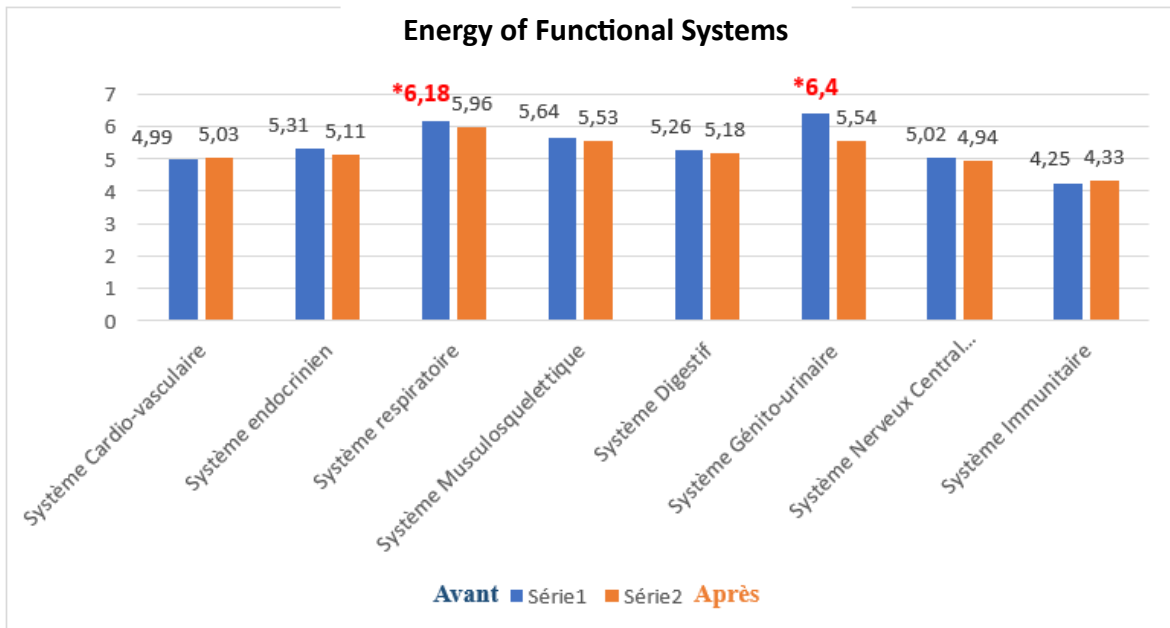


**\* = harmonization of energy that was increasing in the Bladder. Energy: Acupuncture meridians statistically retain equivalent energy before and after sitting on the “Cyma-Seat” disc for 1 hour.**

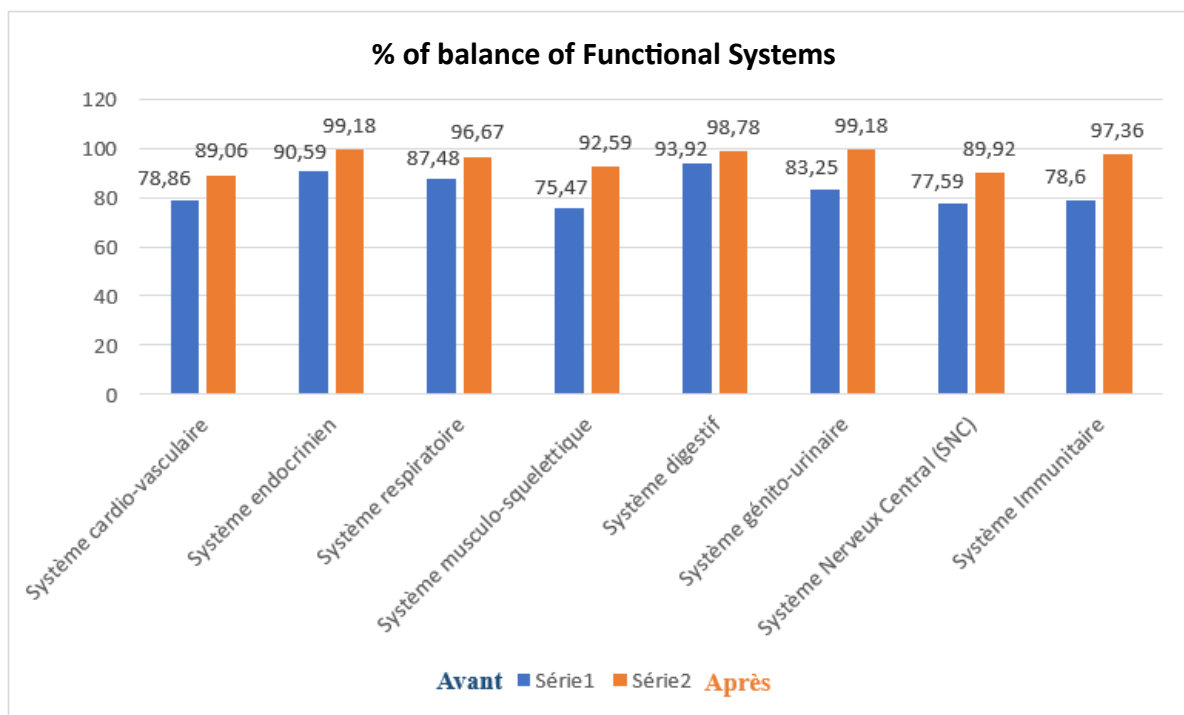


**The action of the “Cyma-Seat” disc frequencies statistically increases all Meridian balance percentages, promoting overall organic energy harmonization.**

**B) Analysis of “Cyma-Seat” action on the energy and balance percentage of the 9 Functional Systems of the human body.**



**Energy: Functional Systems retain statistically equivalent energy before and after sitting on the “Cyma-Seat” disc for 1 hour. \* We note that the “Cyma-Seat” had an energy harmonizing action on the Genito-Urinary system (energy dropped from 6.40 J to 5.54 Joules ( $10^{-2}$ ) and on the Respiratory system (energy dropped from 6.18 J to 5.96 Joules ( $\&10^{-2}$ ). Reminder: The norm is between 4 and 6 Joules ( $10^{-2}$ ).**



**The action of the “Cyma-Seat” disc frequencies statistically increases all the percentages of balance in the Functional Systems, promoting overall organic energy harmonization**



#### IV) Case 4

Measurements January 2025

Energy measurements in Joules ( $10^{-2}$ ) units of the 12 Meridians (MTC).

Standard = between 4 and 6 joules ( $10^{-2}$ )

Measurements of the balance percentage of the 12 Meridians (SNA action).

Optimum norm = between 90% and 100%.

Reminder: The summary table presented in this study contains the averages of the 732 parameters studied as part of this scientific study.

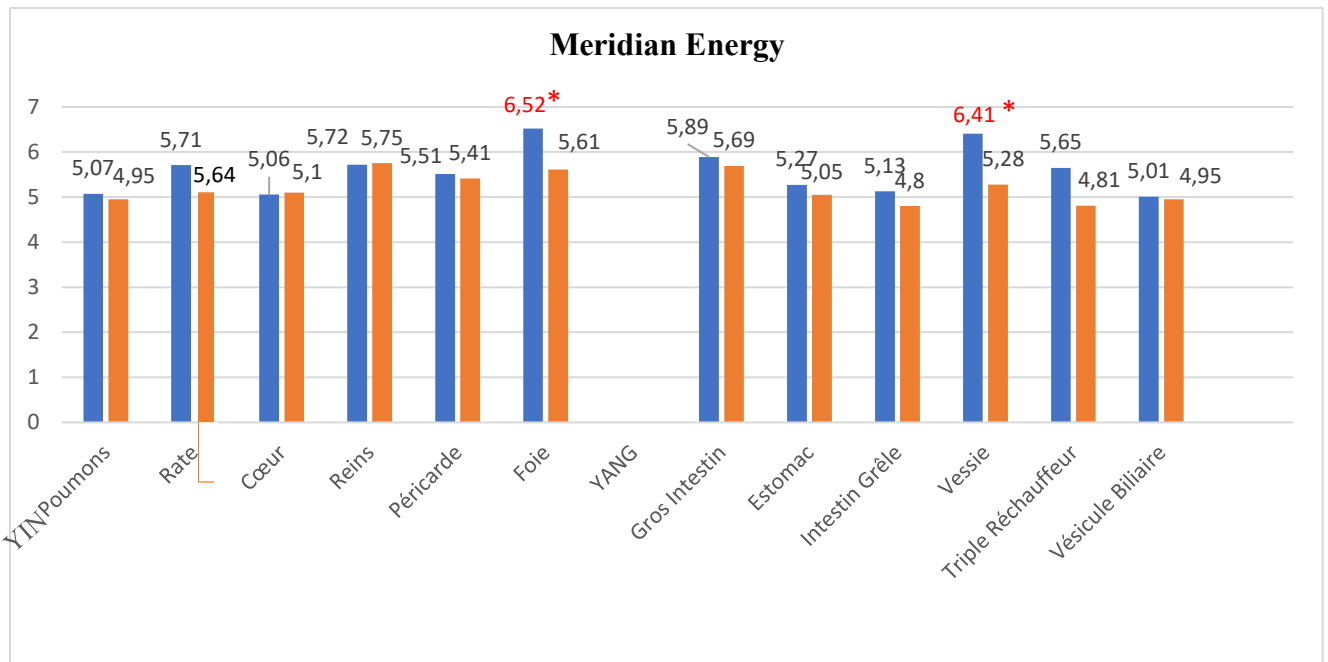
#### A) Analysis of “Cyma-Seat” action on energy and percentage balance of the 12 acupuncture meridians

Mesures Mériidiens	AVANT Energie en Joules ( $10^{-2}$ )	1H APRES Energie en Joules ( $10^{-2}$ )	AVANT Pourcentage équilibre	1H APRES Pourcentage équilibre
<b>YIN</b>				
Lungs	5,07	4,95	92%	96%
Spleen	5,71	5,64	89%	98%
Heart	5,06	5,10	78%	99%
Kidneys	5,72	5,75	87%	96%
Pericardium	5,51	5,41	93%	99%
Liver	*6,52	*5,61	78%	90%
<b>YANG</b>				
Large intestine	5,89	5,69	81%	96%
Stomach	5,27	5,05	-	-
Small intestine	5,13	4,80	91%	95%
Bladder	*6,41	*5,28	88%	94%
Triple Heater	5,65	4,81	90%	99%
Gallbladder	5,01	4,95	-	-

**\*\* = Harmonization of energy that was increasing in the Liver and Bladder.**

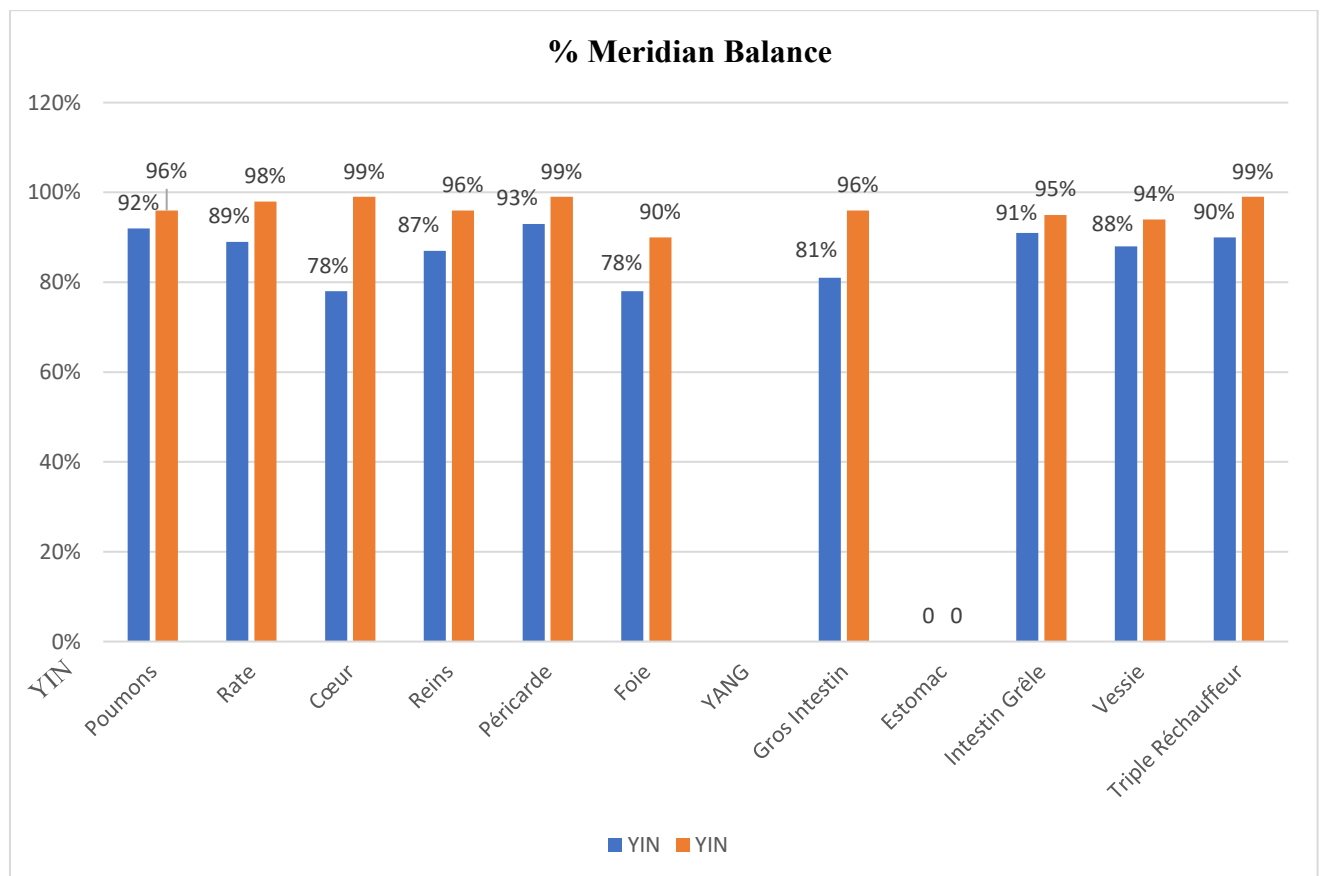
**Energy: Acupuncture meridians retain statistically equivalent energy before and after treatment.**

**The action of the “Cyma-Seat” disc is targeted on the percentages of functional balance of the meridians.**



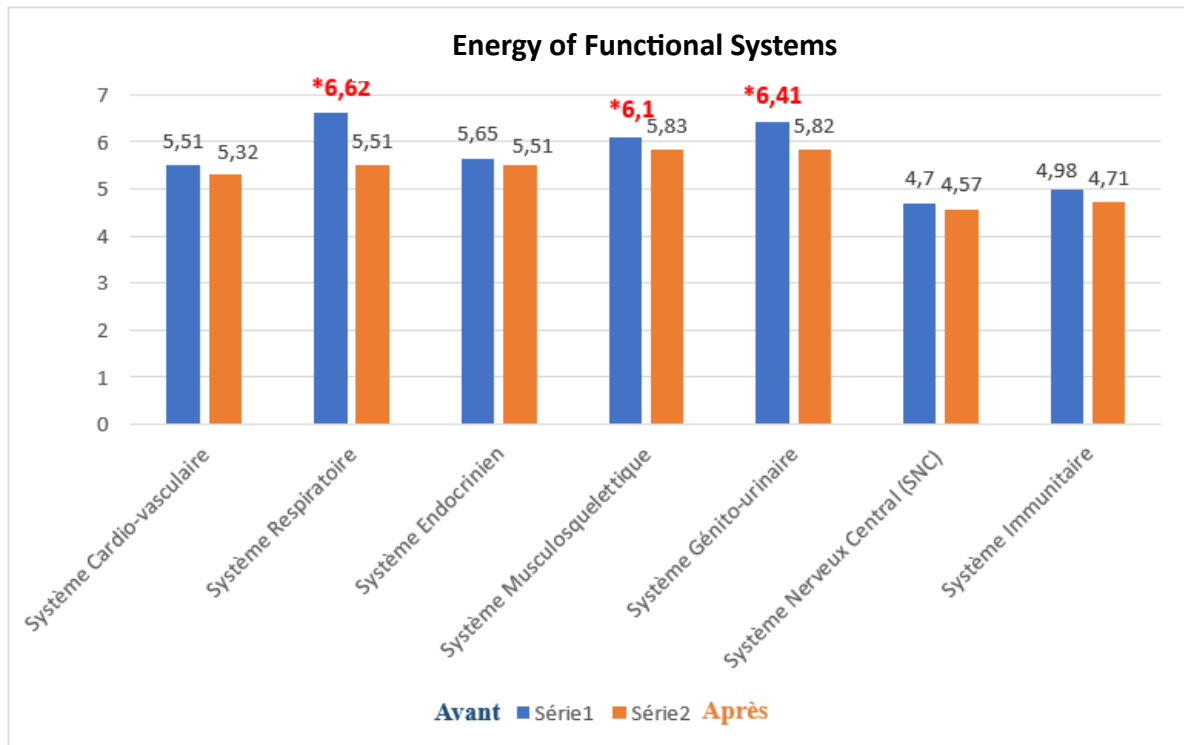
**\*\* = Harmonization of energy that was increasing in the Liver and Bladder.**

**Energy: Acupuncture meridians retain statistically equivalent energy before and after treatment.**



**The action of the Cyma-Seat disc frequencies statistically increases all the percentages of balance in the Functional Systems, promoting overall organic energy harmonization.**

## B) Analysis of “Cyma-Seat” action on the energy and balance percentage of the 9 Functional Systems of the human body



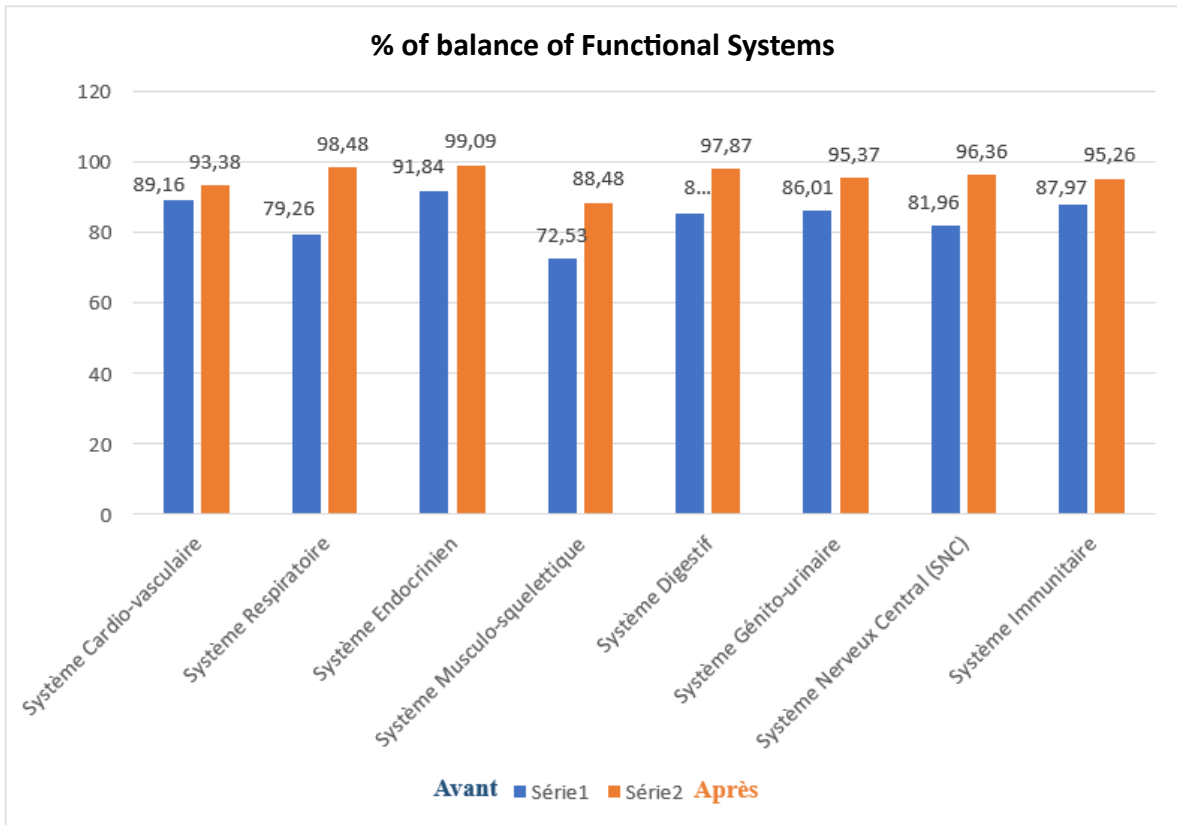
The frequencies of the “Cyma-Seat” disc promote energy regulation in all functional systems of the human body. Statistically, energy remains constant in all functional systems.

\* However, it should be noted that the “Cyma-Seat” had an energy harmonizing effect on:

- **the Respiratory system**, which had an excessively high energy = 6.62 J, down to 5.51 Joules ( $10^{-2}$ ). Remember: the norm for vital energy is between 4 Joules ( $10^{-2}$ ) and 6 Joules ( $10^{-2}$ ).

- **Musculoskeletal system** (energy too high, down from 6.62 J to 5.51 Joules ( $10^{-2}$ ). Remember: the norm for vital energy is between 4 Joules ( $10^{-2}$ ) and 6 Joules ( $10^{-2}$ ).

- **the Genito-Urinary system**, which had a rising energy level of 6.40 Joules ( $10^{-2}$ ), has returned to the norm at 5.54 Joules ( $10^{-2}$ ). Remember: the norm for vital energy is between 4 Joules ( $10^{-2}$ ) and 6 Joules ( $10^{-2}$ ).



**The action of the Cyma-Seat disc frequencies statistically increases all the percentages of balance in the Functional Systems, promoting overall organic energy harmonization.**