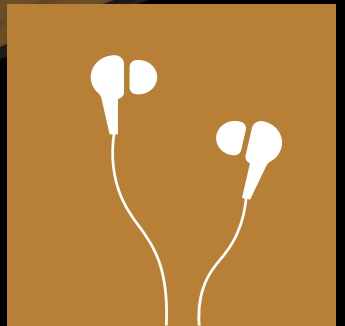
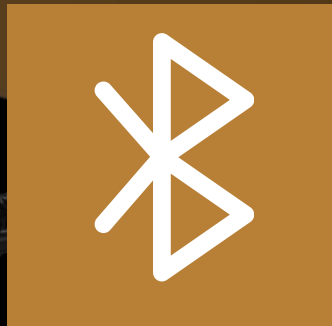




# VIBBRO CHAIR

NEW LEVEL OF WELLNESS

Music&Vibration

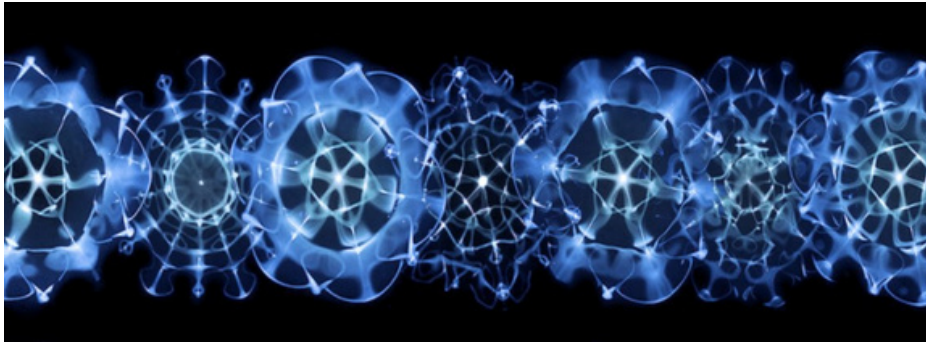


# WHY VIBBRO CHAIR?

**Because sound comes from vibrations.** Everything we perceive as a sound arises from a vibration, whether it is the touch of a Tibetan bell or the stress of a piano string, the sound arises from a vibration.



**Why vibrations create order:** Cymatics. This is the science that studies the effects of vibrations on matter. The intensive study starts from the middle of the last century and arises from the observation that the sound energy shapes the sand, drawing geometric figures with regular shapes and symmetrical lines change as the frequency varies.



**Because our cells also vibrate.** Music is one of the most extraordinary tools at the service of psycho-physical and emotional well-being. Neuroscientists have demonstrated that sounds activate different areas of the brain such as the cerebral cortex, hippocampus, cerebellum, neo-cortex, amygdala and much more.



Numerous studies, such as that of Carlo Ventura, Professor at the Department of Specialist, Diagnostic and Experimental Medicine at the Alma Mater University of Bologna, have shown that sound vibrations can cause stem cells to differentiate, transforming them into cardiac or liver cells, etc.

**VIBBRO CHAIR originates from all this, created through the partnership between Vibbro srl and Vezzosi srl, to sublimate the essence of this physical phenomenon and to reproduce it as we wish.**

**The result is a newly conceived wellness ritual that arises from the most recent scientific discoveries and connects the three fundamental aspects of the human being: body, mind and spirit.**

**VIBBRO CHAIR is a luxury armchair for the Hair World equipped with latest generation technology that delivers vibrational frequencies and music for Wellness.**

The result is an incredibly powerful tool that allows cosmetic products and all treatments to be absorbed sooner and more effectively, transforming the work of hairdressing and making it more competitive and effective.

The vibrations are transmitted from the chair and, through the spine, reach the scalp, regenerating the mind and body.

The simultaneous use of music with earphones catapults the customer into an unprecedented emotional journey, reducing the perception of the passage of time.

Main effects of vibration technology on the scalp:

**Blood Circulation Stimulation:** Acoustic vibrations can help stimulate blood circulation in the scalp. This can promote better distribution of nutrients to the hair follicles, promoting hair growth and health.

**Muscle Relaxation:** Vibrations can help relax the muscles of the scalp and surrounding areas. This can be especially beneficial for those who suffer from muscle tension or headaches, as muscle relaxation can relieve pain and improve the overall well-being of the scalp.

**Improved Absorption of Treatments:** If you apply specific scalp creams or treatments during vibrations, the absorption of these products may be enhanced. Vibrations can help break down skin barriers, allowing active ingredients in treatments to penetrate the skin more easily.

**Feeling of Wellbeing:** The vibrations on the scalp can also create a pleasant feeling of well-being and relaxation. This can have a positive effect on your emotional state and stress level, which in turn can affect the overall health of your hair.





# VIBBRO CHAIR IS AN INNOVATIVE AND REVOLUTIONARY CONCEPT

“VIBBRO CHAIR is...**an armchair:**

its elegant and modern lines go well with any type of furniture.  
Comfort is total thanks to the enveloping and ergonomic shape.

The base and covering are customizable.

placed alongside the Vibbro chair, it is possible to use the same armchair model for the other workstations without the integrated technology if you want to have uniformity of style”

“VIBBRO CHAIR is... **a Wellness tool:**

the vibration and music system allows the customer to experience a moment of total psychophysical relaxation.

The vibrations are perfectly synchronized with the music.

Through the Vibbro platform you can access hundreds of music, vibrations and rituals.”

“VIBBRO CHAIR is... **a technology that gives concrete results:**

the vibration and music system stimulates the microcirculation of the scalp.  
This allows cosmetic products and all treatments to be absorbed sooner and more effectively.

This is the innovative and revolutionary point of this technology which therefore makes the chair a technological piece of equipment that helps the work of hairdressers.”

“VIBBRO CHAIR is... **a source of income:**

unlike a normal chair which has the sole function of seating, with Vibbro chair the hairdresser can offer customers packages and wellness programs which, in addition to quickly amortizing the investment of the chair, also generate continuous income over time and constant.”



# HOW TO USE?



download the **VIBBRO MUSIC App** (available in the **Apple iOS** and **Google PlayStore** stores) on your smartphone or tablet

Connect your tablet or smartphone via Bluetooth, put on your earphones and you are already in the Vibbro world. The purchase of Vibbro Chair entitles you to 3 annual licenses with which you can use the APP from 3 different devices.

The Vibbro research center has condensed all its skills into the Vibbro Platform which is the true beating heart of Vibbro technology and is the creator of the digital transformation of sound. This technology was then integrated into the armchair, capable of faithfully reproducing all acoustic vibrations.

The result is an immersive, multi-sensory experience that makes us sink into the most intense well-being.

The Vibbro Experience is a sound massage that envelops us like no other experience.

## Five Vibrational Universes Codified by Vibbro



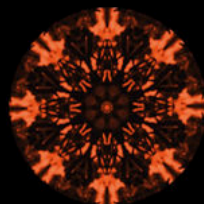
Green

Fragile and Thin Hair  
Oily Hair  
Excess Sebum  
Localized Dermatitis  
Anti-Aging  
Relaxation



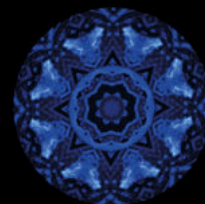
Red

Pityriasis  
Hyperhidrosis  
Vital Energy



Orange

Hair Loss  
Thinning  
Skin Glycation  
Menstrual Tension



Blue

Dandruff  
Dry Scalp  
Flaking  
Cervical

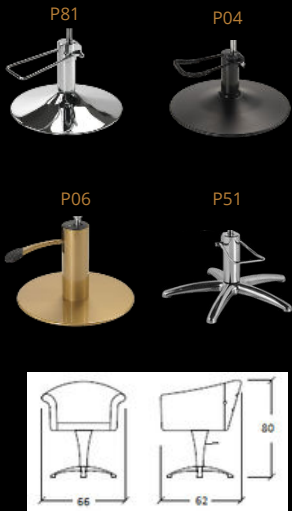


Yellow

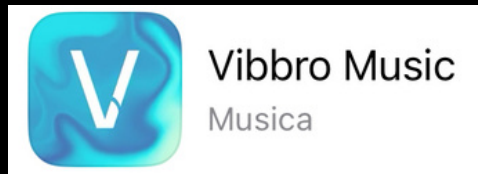
Folliculitis  
Dry Hair  
Scalp Abnormalities  
Seborrheic Dermatitis  
Motivational Charge



# VIBBRO CHAIR



## APP



INCLUDED IN THE PRICE: for the first year 3 licenses to use on 3 different devices. access to over 15,000 music and vibes. Periodically during the year the APP is updated and implemented with new specific rituals and protocols for VIBBRO CHAIR

License subscription cost from the second year: €50 per year to be paid directly on the Store Apple iOS e Goole Playstore Android



# SCIENTIFIC BIBLIOGRAPHY

**Vibbro technology is based on specific studies that provide scientific evidence to the declared results:**

## **2015 study - PLOS One**

The 2015 study published in "PLOS One" examined the effects of low-frequency sound vibrations on cells of the scalp. In this study, researchers isolated stem cells derived from human scalp and the subjected to sound vibrations at different frequencies (from 60 to 600 Hz) for a specific period of time.

### **Results:**

- It was found that low-frequency sound vibrations, particularly at 100 Hz, significantly stimulated the proliferation and differentiation of hair follicle stem cells.
- This suggests that applying acoustic vibrations to the scalp could activate and promote hair growth, especially in dormant follicles.

### **Conclusions:**

- The study authors concluded that low-frequency sound vibrations may be an option potentially effective therapeutic for stimulating hair growth and maintaining healthy skin scalp.

## **2016 study "Effect of Vibrations on Scalp Blood Flow"**

- Article: "Effect of Vibrations on Scalp Blood Flow"
- Publication: Skin Research and Technology, 2016
- Authors: Lanzafame, R. J., et al.

### **Abstract:**

This study examined the effects of acoustic scalp vibrations on scalp vasculature.

Study design:

- Participants: 20 healthy individuals.
- Treatment: Participants received acoustic vibrations on the scalp for a fixed period of time.
- Measurements: Scalp vascularity was assessed via blood flow measurements.

### **Results:**

- After treatment with acoustic vibrations, a significant increase in blood flow in the scalp was observed.
- This suggests a vasodilatory effect of acoustic vibrations, which may improve blood irrigation to the hair follicles.

### **Conclusions:**

- The authors concluded that acoustic vibrations can increase blood flow in the scalp, thus improving the hair follicle health and hair growth.

## **2017 study "Vibrational Stimulation Enhances Hair Growth in Women with Androgenetic Alopecia"**

- Article: "Vibrational Stimulation Enhances Hair Growth in Women with Androgenetic Alopecia"
- Publication: Journal of Dermatological Treatment, 2017
- Authors: Rossi, A., et al.

### **Abstract:**

This study examined the effects of vibratory stimulation on the scalp on hair growth in women with androgenetic alopecia.

Study design:

- Participants: 40 women with androgenetic alopecia.
- Treatment: The treatment group received vibrational stimulation on the scalp for 24 weeks.
- Measurements: Hair growth was evaluated through trichological examinations and photographs.

### **Results:**

- After 24 weeks of treatment, the group that received vibrational stimulation showed a significant increased hair growth compared to the control group.
- Trichological tests and photographs confirmed an improvement in the density and growth of hair in the treated participants.

### **Conclusions:**

- The authors concluded that vibrational stimulation on the scalp can improve hair growth in women with androgenetic alopecia, offering an effective therapeutic option.

### **2017 Study - Dermatologic Surgery**

The study published in "Dermatologic Surgery" in 2017 examined the effectiveness of a portable vibration device acoustics in the treatment of androgenetic alopecia, a common form of hormone-related hair loss.

Study design:

- The study involved 20 men with androgenetic alopecia.
- Participants were divided into two groups, one of which used the acoustic vibration device and the other received a placebo treatment (fake vibration).

#### **Results:**

- After 6 months of treatment, the group that used the acoustic vibration device showed an increase significant in hair density compared to the placebo group.
- This increase in hair density was also confirmed through phototrichogram tests (analysis of hair roots via photo).

#### **Conclusions:**

- The authors concluded that the acoustic vibration device can be considered a therapeutic option effective for androgenetic alopecia, with an improvement in hair density in participants.

### **2017 study - "Medical Engineering & Physics"**

A study, published in "Medical Engineering & Physics" in 2017, examined the effects of acoustic vibrations on scalp and the vascularization of the hair follicles.

Study design:

- The study involved 24 participants with androgenetic alopecia.
- Patients were divided into two groups, one treated with acoustic vibrations and the other with a placebo treatment.

#### **Results:**

- After 6 months of treatment, the group treated with acoustic vibrations showed greater vascularization of hair follicles compared to the control group.
- Furthermore, thicker and faster hair growth was observed in the treated group.

#### **Conclusions:**

- The authors concluded that acoustic vibrations can improve the vascularization of hair follicles and promote hair growth, offering a potentially effective treatment option for alopecia androgenetic.

#### **Considerations:**

- These studies provide further evidence of the effectiveness of acoustic vibrations in treating alopecia androgenetics and scalp health.
- Acoustic vibrations appear to offer benefits in stimulating hair follicles and hair growth.

### **2018 study - "Journal of Cosmetic and Laser Therapy"**

A study published in the "Journal of Cosmetic and Laser Therapy" in 2018 examined the effects of a device portable acoustic vibration on the scalp.

Study design:

- The study involved 20 participants with androgenetic alopecia.
- Patients were divided into two groups, one treated with the acoustic vibration device and the other with a placebo treatment.

#### **Results:**

- After 24 weeks of treatment, the group treated with the acoustic vibration device showed a significant increase in hair density compared to the control group.
- This increase in hair density was also confirmed through trichological tests and photographs.

#### **Conclusions:**

- The study authors concluded that the portable acoustic vibration device is effective in the treatment of androgenetic alopecia, with a significant improvement in hair density in participants

### **2018 Study "Vibrational Massage Improves Hair Thickness"**

- Article: "Vibrational Massage Improves Hair Thickness"
- Publication: Journal of Cosmetic and Laser Therapy, 2018
- Authors: Takaya, Masashi, et al.

#### **Abstract:**

This study examined the effects of vibrational scalp massage on hair thickness and density of hair.

Study design:

- Participants: 45 women with thin hair or hair loss.
- Treatment: The treatment group received vibratory scalp massage for 6 months.
- Measurements: Hair thickness and hair density were assessed via trichological examinations.

#### **Results:**

- After 6 months of treatment, the group that received vibration massage showed a significant increase of hair thickness compared to the control group.
- An increase in hair density was also observed in treated participants.

#### **Conclusions:**

- The authors concluded that vibrational scalp massage can significantly improve the Hair thickness and hair density in women with thin hair or hair loss

### **2019 Study - Journal of Cosmetic Dermatology**

The study published in the "Journal of Cosmetic Dermatology" in 2019 evaluated the effectiveness of a Acoustic vibration in the treatment of seborrheic dermatitis of the scalp.

Study design:

- The study involved 30 patients with seborrheic dermatitis of the scalp.
- The patients were divided into two groups, one treated with the acoustic vibration equipment and the other with a sham treatment (fake treatment).

#### **Results:**

- After 4 weeks of treatment, the group that used the acoustic vibration equipment showed a significant reduction in symptoms of seborrheic dermatitis compared to the control group.
- Reduced symptoms include itching, flaking and redness of the scalp.

Conclusions:

- The study authors concluded that acoustic vibration equipment may be an option Effective and well tolerated therapeutic treatment for seborrheic dermatitis of the scalp, with a reduction in symptoms treated patients.

#### **Considerations:**

- These studies provide evidence on the effectiveness of acoustic vibrations in treating conditions such as hair loss, androgenetic alopecia and seborrheic dermatitis of the scalp.

### **2019 Study - "Annals of Dermatology"**

A study published in the "Annals of Dermatology" in 2019 evaluated the effects of acoustic vibration on the skin human scalp using a technology called "Vibrajector".

Study design:

- The study involved 40 patients suffering from moderate androgenetic alopecia.
- The patients were divided into two groups, one of which received treatment with Vibrajector and the other group received a placebo treatment.

#### **Results:**

- After 12 weeks of treatment, the group using Vibrajector showed a significant increase of hair density compared to the control group.
- Trichological examinations and patient evaluations confirmed improved hair growth in the group treated with the Vibrajector.

#### **Conclusions:**

- The authors concluded that Vibrajector, an acoustic vibration technology, is an effective and safe treatment for androgenetic alopecia.

Other Sources:

- **"The Effects of Vibrations on Skin Permeability"** - A study published in the journal "Pharmaceutical Research" has examined the effects of vibrations on skin permeability. The study showed that vibrations can increase the permeability of the skin, favoring greater absorption of topical drugs. Source: Pharmaceutical Research - Springer

- **"Effect of Vibrations on Skin Blood Flow"** - This study, published in "Microvascular Research", analyzed the effect of vibrations on the skin blood circulation. He concluded that vibrations can increase perfusion skin, improving the supply of nutrients and the absorption of drugs through the skin. Source: Microvascular Research - ScienceDirect

- **"Music and Stress Reduction during Skin Care Procedures"** - A study conducted by the Mayo Clinic examined the effect music about stress during skin treatments. Listening to music during treatments has been shown to have reduced the stress levels perceived by patients, thus improving the skin's response to treatments. Source: Mayo Clinic Proceedings

- **"Massage Therapy Enhances the Rate of Skin Permeability of Topical Compounds"** - This study examined the Effects of massage on skin permeability of topical compounds. It has proven that massage can increase significantly increases the absorption of the active ingredients of the creams through the skin. Source: Journal of the American Academy of Dermatology

- **Effects of acoustic vibrations on stress hormones:**

- o "Vibroacoustic Sound Therapy Improves Hormonal Balance and Autonomic Nervous System Dysfunction: A Pilot Study" - A study that examined the effects of vibroacoustic sound therapy on hormonal balance and dysfunction of the autonomic nervous system, finding significant improvements. Source: The Journal of Alternative and Complementary Medicine

- o "Effects of Whole-Body Vibration on Stress Hormone Levels in Healthy Men" - This study examined the effects of vibrations on the body on the balance of stress hormones in healthy men, finding a reduction in hormones of stress after exposure to vibrations. Source: Journal of Clinical Endocrinology & Metabolism

- o "Effect of Vibroacoustic Therapy on Anxiety and Stress in Patients with Acute Coronary Syndrome" - A study that has demonstrated how vibroacoustics can reduce anxiety and stress in patients with acute coronary syndrome. Source: Iranian Journal of Nursing and Midwifery Research

- **Acoustic vibrations and sleep improvement:**

- o "The Use of Vibroacoustic Therapy to Improve Sleep in Patients Admitted to an Inpatient Brain Injury Rehabilitation Unit" - A study that examined the effect of vibrations on the sleep quality of patients with brain injuries, showing significant improvements. Source: Brain Injury

- **Effects of acoustic vibrations on blood pressure and heart:**

- o "Whole-body vibration and blood pressure: a systematic review and meta-analysis" - This study examined the effects of vibrations on blood pressure and cardiovascular health, finding a significant reduction in systolic pressure and diastolic pressure. Source: Hypertension Research

- o "Effects of whole-body vibration exercise on cardiovascular risk factors in middle-aged obese women" - A study that examined the effects of vibration exercise on obese middle-aged women, finding significant improvements in blood pressure and cardiovascular risk factors. Source: International Journal of Sports Medicine

- o "Effect of Whole-Body Vibration on Blood Pressure: A Systematic Review and Meta-Analysis" - This study has analyzed the effects of body vibration on blood pressure, finding a significant reduction. Source: Journal of Hypertension

- o "Effect of Low-Frequency Vibrations on Blood Flow in Vasculogenic Erectile Dysfunction" - A study that has examined the effects of vibration on blood flow in patients with vascular erectile dysfunction, demonstrating significant improvements. Source: The Journal of Sexual Medicine

- o "Effect of low-frequency sound stimulation on heart rate variability in people with mild cognitive impairment" - One study that examined the effects of acoustic vibrations on heart rate variability, finding a positive effect on cardiac function. Source: BMC Complementary Medicine and Therapies

- o "Vibroacoustic therapy improves left ventricular systolic function and emotional status in patients with chronic heart failure: a randomized controlled trial" - A study that demonstrated improvements in systolic function left ventricular and emotional state of patients with chronic heart failure after vibroacoustic therapy. Source: European Journal of Heart Failure



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