

ULTRASOUND

PROVING

Conducted by
INHF-PARIS

Under the direction of
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With the participation of
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We would like to express our heartfelt thanks to all those who took part in this work.

INTRODUCTION

We have the pleasure of presenting to you the results of the first proving carried out at the INHF-Paris. This was a rich and exciting experience, as much for the dynamism with which it inspired the team as for the interest that everyone felt in experiencing this new remedy.

In carrying out this proving, we stayed faithful to Hahnemann's prescriptions by applying the methodology advised by Jeremy Sherr in his book *Homeopathic Provings* (Editions Similia).

These are the steps we followed:

- **The choice of remedy and its preparation**

In a spirit of experimentation and curiosity, we used Dr. Denis Laforgue's idea of proving ultrasound.

We wanted to prove a new remedy that, while still a part of nature, was also a part of the evolving dynamics of the century we are living in. The use of ultrasound in many fields, in particular the medical field, drew our attention. Furthermore, its powerful long distance communication properties in the animal kingdom struck us as an interesting area to explore. Finally, the idea of using the dynamic properties of a wave and not a substance was an attractive incitement.

To prepare the source, we had to expose a neutral substrate to different frequency ultrasound waves, then dilute and potentize it. We immersed a gynecological ultrasound probe in a glass jar filled with distilled water, then we varied the ultrasound frequencies from 3.5 to 5 MHz for around 45 minutes.

The infused water was then sent to Préparatoire des Archers, which ran up the various potencies (7 CH, 15 CH, 30 CH, and 200 K). It also organized the random division of the lots so they would be distributed to the provers according to chance.

SYNTHETIC MATERIA MEDICA

MIND

PERCEPTION OF REALITY

Sensation of a screen between reality and himself; that music played did not reach him.
Sensation of confinement; of being under morphine, slowed down in his world, cut off from the outside.

Impression of being in a hammock whose ties could snap at any moment, a feeling of insecurity.

Sensation of calm, of being vaguely detached, as if he floated between his real life and a special life.

While reading, sensation as if half the words were highlighted in greenish yellow.

Mediumship: felt several symptoms of remedies prescribed by his girlfriend.

Sensation of being in the process of changing; desire to change career.

Change in body image

Impression of having a head like one of Picasso's painting, in the four directions.

Sensation of strangeness of his body, as if it wasn't his own.

Sensation of being above the ground when standing.

Notion of time

Impression that time passes more slowly or more quickly.

Sensation that time is no longer exactly the same; moments diametrically opposed in days that follow one another and which are the same.

Has the impression of not enjoying the present.

Detachment regarding obligations (did not do his income tax).

Synchronicity and creative thought

Phenomena of synchronicity and coincidences; meets or receives calls from people he is thinking about; synchronicity between what he is thinking and what his patient says to him.

Sensation of being the creator of situations, that outside events are the reflection of his inner life, that he is the cause of events that happen by chance.

Sensation that nothing happens by chance.

Feeling that the self is identified with situations, with a distance that protects from this identification.

Impression that many things happen by chance.

Breaking of objects.

INTELLECT

Clarity of mind; mental performance and ease.

Many thoughts of action on waking, like rapidly overlapping images.

Mind confused.

Slow understanding. Sensation of mental heaviness. Feels less performing in intellectual work.

Only sees one meaning of the word being read, not the other.

Sensation that consciousness is misted over.

Confusion in thoughts and speech.

Panic, black hole during an examination to which she went in feeling relaxed.

Distraction, confusion, lack of concentration.

Errors and inversion

Error on a well-known route.

Error in time, in times for appointments.
Error in writing, in speaking; inverts syllables.
Errors in calculating.
Does and feels forced to understand things backwards.

Memory

Forgets his business, where things are, etc.
Forgets what he wants to say, can't find the words.

COMMUNICATION AND RELATIONS WITH OTHERS

Empathy, feels others' worries and tries to solve their problems.
Compassion with a group of people; sensitive to solidarity between the members of the group and the recognition of an individual by the group; compassion towards his patients. Feels he is truly present as a human instead of distant like behind a glass.
Desire for people, to help people.
Irritability towards his wife and family; towards his colleagues; hurtful words.
Sensation of being invaded by others; no desire to communicate; creates distance so as not to be invaded.
Sensation that her husband is a stranger.
Feeling of great ease on the relational level (impression of being able to go anywhere, of being in contact with everyone, of mastering everything on the relational and professional levels, of cutting through other people's conflicts).
Desire to probe the family psychology and to seek the causes with his ancestors.

EMOTIONS AND MOOD

Inner calm with respect to events, distanced with respect to emotions; feels detached because of his neurosis; speaks less quickly; resignation and impassiveness.
Interior calm radiating in the entire body, like the day that rises with light that isn't intense but that radiates. Sensation of being freed from his anger, sensation of peace and serenity.
Irritability towards her family and her husband.
Sadness and anxiety; at night and on waking, with pain in breasts, at the start of the afternoon.
Calm associated with sadness.
Wants to cry but can't.
Anger; because of disorder; against a patient who might break off the relationship.
Good mood, doing things. Cheerfulness on waking and in the morning.
Sensation of lightness and euphoria around 6:00 p.m.
Feels bored with the family.
Changeable mood: when he is in one place, he wants to be in another. Hesitates between one thing and another.
Sensation of anxiety on waking as if she had not done what she wanted to do.
Impatience and great haste.

BEHAVIOR

Sensation of being obligated to do things well, or the opposite and does everything backwards.

Does things easily.

Clumsy; drops things.

Good coordination of movements.

After waking up, writes in the middle of the night; the writing progressed in descending waves.

Desire to put things in order.

Stops biting nails.

Acts inappropriately for the situation.

HEAD

Sensation of heavy head in the forehead; above the eye-sockets; around the left eye; like a piece of lead; impression that brain is heavy; consciousness is foggy; with the need to hold his head with his hand and press hard, < work or intellectual effort.

Left-sided occipital headache; > pressing with the hand.

Right-sided headache with congestion of the head and face.

Headache with whistling and buzzing in the left ear.

Pressing pain in the temples.

Floating and rippling in the head.

Sensation that the skin on the skull has become unstuck.

Hair holds better.

Disappearance of usual migraines.

Cured of the sensation of an icy skull that had lasted 20 years.

EYE

Pains in right eye that moves fleetingly into the left eye; pricking like from a hair; a type of ache in the eye muscles. Pain and dryness of the right eye.

Sensation of bruising and aching in the right eye < movement of the eyeball.

Desire to open eyes as much as possible, then the sensation that his eyes were shrinking with the sensation of being better with his eyes closed; 20 days later, need to stare wide-eyed.

A little spotlight dazzles like a headlight.

Colors: vision as if half the words on the page were underlined in greenish-yellow; a word appears written in red; black spots on a white page.

Sensation her eyelid is thin and fragile or thicker.

Twitching eyelid cured.

EARS

Buzzing; cricket; itching in left ear. Throbbing; whistling; itching in right ear.

Hypersensitive to shrill noises.

Ear blocked and full; right side. Sensation ear canal is wet on left side.

Ears unblock when drinking, with sensation of hearing perfectly with echo.

Pain going from the outside to the inside; on the left side; on the right side.

Significantly decreased production of earwax.

NOSE

Sensation of the smell of cigarettes; of tar.

Sensation of detachment inside the nose and that air is going where it shouldn't.

Cured of a greenish-yellow nasal discharge that had lasted for months.

Cured of a fissure in the nose. Itching of a scar in the nose.

FACE

Erratic itching as if with a feather, an insect, or a hair. Skin sensitive at hairline. Itching of right eyebrow then left.

Pimple under the right cheekbone.

Sensation of puffiness of the face; congestion of the face with red cheeks, < aggravated leaning forwards, with slight sensation of vertigo. Edema of the lower left eyelid after a cold wind.

Constrictive pain in the bones of the face (cheekbones, jawbones, chin), then violent toothache (sensation of ice on the face).

Numbness of left temporo-mandibular. Sensation of a plaque with stiffness of the cheek.

Tear in the corner of the mouth caused by a knife wound, with a small red spot that burns and prickles.

MOUTH

Tingling in the mouth (lower gum, inside cheeks, tongue, lips). **Sensation as if the tongue was burned** (tip or middle strip); < after evening meal.

Mouth dry; tongue sticky. Hypersalivation.

Dental pains: top molar extending to the right ear, lower molar; wisdom tooth upper right with opening of the jaw painful.

Aphtha, papule on the palate.

THROAT

Stitching pains; causing her to wake at night; following exposure to cold wind; **with sensation of foreign body;** > eating and drinking cold things; swallowing food; especially on the left; acid stinging in the back of the throat and the upper part of the esophagus.

Sudden waking at 11:30 p.m. swallowing saliva the wrong way, with sensation of suffocation and violent cough.

Irritation of the throat from postnasal drip causing bloody sputum.

STOMACH

Nausea at 2:00 in the morning; after rising; at noon; after brushing teeth; disappears on eating; with vertigo and a sensation of floating; with cramps in the caecum; and limping.

Appetite greatly increased; so that he cannot think; at breakfast; with sensation of emptiness in his stomach; with desire for starches; with desire for wine.

Decrease and regulation of the appetite; can skip a meal without nausea; *disappearance of usual ravenous hunger before and after meals.*

Thirst for small quantities of water, often.

Burning in stomach like a burning lump.

Heaviness of stomach; she can feel warm tea go down the esophagus into the stomach.

ABDOMEN

Abdominal distension with noisy rumbling; in the left transverse colon; before and after stool; impression of enormous belly and **heavy** to carry, with heaviness of the body on lying down. Pain like a heavy stone in the caecum.

Cramping, sticking pain; in the umbilical and epigastric region; in the caecum, radiating to the transverse colon, which wakes him at 5:00 a.m., > lying on back.

Intense pain, stabbing, in the right iliac fossa, appearing suddenly and disappearing gradually over a few minutes; has to fold the thighs up to the abdomen and press hard with a fist, which <.

Itching and slight stitching in the left inguinal region.

Rippling in belly.

RECTUM AND STOOLS

Diarrhea; frequent stool; urgent; explosive; soft; in pieces; floating; with undigested food; fetid and sour; discharged several times; shortly after eating (breakfast; lunch).

Stool accompanied by gas that is fetid or odorless and followed by burning pain in the anus; or as if the anus was twisted; < pressing on the anus.

Diarrhea and explosive gas at 6:40 a.m.

Constipation; with hard stool, knotty, glued together; with pain in the anus and **ineffectual urging.**

Cured of pre-existing constipation, even when traveling.

Sensation of a cramping stitch in the rectum, to the right, with **ineffectual urging.**

Slight stitching to the left of the anus.

BLADDER, URETHRA, URINATION

Frequent urination at night.

Urines more easily even though the bladder is not full.

Black urine at night.

Sensation of heaviness in the bladder

Burning pain in the urethra when not urinating.

GENITALIA MALE

Decreased sexual activity.

GENITALIA FEMALE

Stitching pain in vagina; with heat and itching; sensation of a pea at the entrance to the vagina followed by dryness and burning, > seated and lying down, < standing and on motion.

Cured of premenstrual syndrome.

LARYNX, RESPIRATION, COUGH

Sensation of increased size of thorax with need for deep breaths that >; with the need to yawn, sleepiness and heaviness of the head.

Breathlessness and sensation of oppression in the chest.

Cured of a pre-existing sensation of oppression (as if a cage that blocked the thorax had been removed).

THORAX AND BREASTS

Pain in the **upper outside quadrants** of both breasts, especially on the right, at night, with sensitiveness to touch and extending to armpits and nipples, accompanied by anxiety and sadness.

Left nipple sensitive to least contact, accompanied by redness after effort.

Thorax and throat tight.

Heat in the chest and burning in the plexus.

Sensation of emptiness in the upper thorax improved on walking.

BACK

Muscles sore and tired, felt in all parts of the back.

Cervical region

Pain on right side extending to right ear.

Torticollis left side; with difficulty turning the head to the left; with muscle pains in the trapezius after intercourse.

Sore, tired feeling in cervical region.

Acne eruptions at the base of the neck on the right.

Sensation of heat in the nape of the neck on the left.

Dorsal region

Muscles tense around the spine, especially on the right side.

Sore, tired feeling in the upper back improved on standing upright.

Pain to the left of the spinal column near D2-D3, as if the vertebra were frozen.

Stooped.

Pain in the shoulder blades; under the right shoulder blade, cramping, < moving the arm back; < on pressure; on the internal margin, like something out of place.

Pains in the internal angle of the left shoulder blade, extending to the chest, as though struck with a dagger. Pain to make him pass out like being punched in the back, under the shoulder blades.

Lumbar region

Aching tiredness and stiffness in lumbar region on waking in the morning.

Pain extending to the sacrum during sleep that disappears on rising.

Tight pains < sitting and leaning forward, > on straightening up.

Aching, tiredness in the pelvis with discomfort in the right hip on walking.

Cured of usual lumbar pains after a brief aggravation.

EXTREMITIES

Heaviness of limbs with weakness and aching, especially on rising.

Clumsiness of hands and feet.

Pains are worse on the left side.

Fleeting, stitching pains in the large toes.

UPPER LIMBS

Shoulder

Heaviness in shoulders on waking.

Pulling in the joint of the right shoulder.

On rising, dull pain in the left deltoid < on moving the arm to the side or back.

Arms

Heaviness of the arms, especially the left.

Rippling in the arms.

Pain in the upper arms, as if they had been beaten.

Elbows

Tearing pain in the left elbow > on movement.

Forearms

Pain in the back surface of the left forearm, just above the wrist.

Wrist

Right wrist painful and weak on waking.

Tingling on the inside surface of the left wrist.

Hands

Clumsiness, drops things or spills things.

Pulling in the hands.

Cold hands during meals.

Pleasant sensation of intense heat in the hands, strongest at 4:00 p.m.

Stitching pains, repeated, in the left palm, on extension of the middle finger, > on pressure, at night.

Perspiration of the palms of the hands and the inside edge of the fingers.

Sharp, sudden pain in the hand while writing.

Fingers

Sudden pain, sharp and fleeting in the phalanges of the fingers or under the nails; shooting pain; like an electric charge, a needle, or a splinter.

Sideways crack of the left index finger, in the joint between the phalanges.

Nails are harder and break less and the need to bite them has gone away for the past two weeks.

LOWER LIMBS

Heaviness, weakness, and aching of lower limbs accompanied by fatigue and general weakness, especially on waking; worse on the left side and < standing and walking.

Buttocks

Dull pain on walking, especially on the right side.

Formication of right buttock.

Thighs

Painful stitch in mid-thigh that extends the length of the leg.

Knees

Pain in the knees, especially the right; pulling, or like an aching tiredness, or a fleeting stitching.

Sudden weakening of the knees, especially the left.

Legs and calves

Legs heavy with aching tiredness.

Pains in the right calf; contracting and pulling.

Cramps in the calves; which wake him up.

Ankles

Brown spot behind the malleolus on the left ankle.

On rising, pain in the left ankle on putting the foot on the ground, which gradually disappears on walking.

Feet

Agitation of the left foot, sitting with crossed legs.

Perspiration of the feet.

Clumsiness: knocks shoes together while walking.

Intense itching of the soles of the feet on waking.

Black crosswise crack on the left heel.

Stitching pain under the big toes.

SLEEP

Sleepy during the day with frequent yawning; after waking and at the start of the evening; after a feeling of sickness in the afternoon.

Sleep interrupted, agitated, disturbed by dreams.

Waking between 3 and 4 in the morning; early than usual (between 5:00 a.m. and 7:00 a.m.).

Woken by a sensation of heat in the body; by cramps in the calves; by the need to urinate; by burning shivers.

Anxious on waking from dreams.

Improved sleep, deeper, less sensitive to noise.

DREAMS

ANIMALS

Various animals: frogs, dolphins, deer, dogs, mice, wild birds.

Dangerous animals: vipers, ferocious dogs, insects, tarantulas, crocodiles; dreamed that her head was in the mouth of a large dog.

Communication with animals: with two pandas, a monkey, dogs, cats.

Love for animals: kisses a cat; sleeps with a Guinea pig.

Hybrid animals: rat/dog, rat/seal, bat/turtledove, bees/ants, bird/platypus, frog as big as a cat.

GROUPS

Groups of friends; **of students;** of adolescents; community group; rescued by friends; **a meal eaten with a group.**

FAMILY

A fight with his sister; fighting with her son-in-law; **a family reunion;** playing with her nieces; her husband's aunt with her daughters, etc.

PAST

When he/she was young: memories of childhood; of youth; of when he was in college; **high school; student;** his childhood watch; of the street where was the building that he lived in as a child.

Old dreams (that he had when he was young).

Old objects: old music magazines; old car and old bag/purse, gets rid of all sorts of old objects.

Old places: old kitchen; old gas station; old city; old building.

Old age: of her very old, walking with a cane.

TEETH

Pickles in place of his teeth; teeth falling out; extra gum from which teeth were falling out.

HOUSE

House in the country; family house; in a forest sinking into the water; under construction or being rebuilt.

House, store or **apartment for sale;** for rent.

WATER

Swimming; deep-sea diving; **seaside.** Fountains.

Pool; with artificial waves.

Choppy sea; cruise.

CLOSED PLACES

Underground; parking lot; subway; enclosed spaced; wire fence.

RELIGION

Nuns; young girls in a convent; sings religious songs.

Religious place; old chapel; stained glass church windows.

LOVE, COMPASSION

Feels attracted to a man.

Is bothered by a man.

Erotic dream.

A man puts his cut penis in her hand.

Compassion for a couple who have lost a child.

VIOLENCE

Very brutal dreams, extremely violent, but experienced with indifference.

Is pursued, in danger of death.

Mutilated bodies.

War; soldiers; terrorists; mercenaries; mafia.

Is helped by a man who is shooting everybody; who knocks out an old man from behind.

ROAD

Winding road, with obstacles; on a slope, snow-covered; **straight;** concrete surface in the desert.

Straight road, twisting; labyrinth.

Underground railroad; straight.

DESCENT, SNOW

Descends a steep, snow-covered slope; road on a slope, snow-covered; falls in powdery snow; steep stairs; descends on a rope.

WHITE LIQUID

White substance flowing from the vagina; from the mouth.

STRENGTH

Students were carrying trees in one hand; a man moved a tree on a road.

CONFUSION

People were changing themselves into other people; confusion about time, place.

DOUBLE

2 frogs, 2 pandas, 2 or 3 fierce dogs, 2 identical dog heads, 2 students, 2 small windows, 2 cake boxes, 2 bottles, an aunt and her 2 daughters, 2 twins (he is looking for the second mother)...

CHILLS, FEVER

Chills when it is warm.

Burning chills starting in the knees, that wake him up at 4:30 a.m.; accompanied by the sensation of his body dislocated, as if various parts of the body were separate: the head is pulled back, the back is S-shaped and the limbs are all haphazard.

Generalized chills with violent tooth pain.

PERSPIRATION

Perspiration of the upper body; odorless, cold, with sensation of cold on the skin.

Perspirations at night on waking; after a dream; on the chest with a sensation of heat.

Perspiration of the parts of the body that are touching one another.

SKIN

Intense itching; erratic; at night; **tingling sensation; like needles.**

Cracks.

Tickling of old scars.

GENERALITIES

Fatigue with generalized heaviness, physical and mental; < on rising and in the afternoon, especially after 4:30 p.m.

Physical and intellectual slowness (slow speech, difficulties with concentration); **sleepiness;** oppression; desire to lie down and yawning; muscular weakness improved by motion and distraction.

Difficulty getting up in the morning.

Increased energy; efficiency in intellectual and physical work; general sensation of lightness and in the limbs.

Fatigue alternating periodically with increased energy.

Dizziness and discomfort; with brief loss of consciousness; with severe headache and congestion of the face; < at the end of the afternoon; when putting on his glasses with a shock felt in the upper chest.

Vital heat generally increased, pleasant feeling; in the hands; in the neck; in the ears; preceded by a flash of heat starting in the stomach going to the head.

General chilliness was >.

Regulation of the appetite and decrease of food compulsions; several proverbs started a diet and lost weight; decrease in usual desire for coffee and tobacco.

Increased desire for salt; desire for fries, sweets, and chocolate.

Stitching, tingling pains. Brief, fleeting pains.

Sensation of ripples felt in various parts of the body and on the mental level.

Lowered blood pressure (systolic and diastolic) and decrease in heart rate.

Reappearance of old and very old symptoms.

Periodic alternation of symptoms (cycles of from one to two weeks).

ANALYSIS OF RESULTS AND SYNTHETIC STUDY

INTRODUCTION

- Generally speaking, it is interesting to note the following:
 - We can consistently identify the main mental themes in most of the provers.
 - There are also physical and general symptoms with well-defined modalities, common to many provers.
 - There is no doubt that one of the provers (No. 14) presented a cured case, while others experienced more or less permanent relief from old symptoms.
 - A good number of participants truly experienced greater inner awareness through this proving.
- As regards the group experience:
 - Many of the supervisors experienced remedy symptoms..
 - The group was literally overtaken, in a very marked way, by a specific state of mind, a form of intimacy, a very strong feeling of community.

We might ask if these two phenomena are the classic effects of the unconscious of a group brought together by the genius of any remedy whatsoever, or if they are due to the particular genius of *Ultrasound*, as we will see later.
- **The preparation methods:**

The ultrasound waves emitted by the probe went through several steps:

 - the emission of the ultrasound wave from the probe;
 - its propagation in the water to the sides of the glass jar;
 - its reflection on the glass wall and the return of the wave to its source, as an echo;
 - the water in the jar was not subjected to one wave but to an infinity of waves that were propelled at great speed, and that all followed the same trajectory and became intermixed.

The water thus went from a static state to a rippling state and was animated by an unceasing vibrational movement.

The purpose of this ultrasound model is to make visible that which is not at first, after photographic processing of the information.

THE MAIN CHARACTERISTICS OF ULTRASOUND

I. ELASTIC WAVES THAT CAUSE VIBRATIONS

Their frequency includes between 15 KHz and several hundred MHz. They are of the same nature as sound waves, but their frequency **exceeds the audible range of humans** (> 20 000 Hz).

Ultrasound is also called “silent sounds” or “black noise.”

An electromagnetic light wave can propagate itself in the void, but the propagation of ultrasound waves requires a material medium with which they come into contact and which they modify.

The speed of propagation depends on the nature of the environment and can be very high in water or in the human body (1500 m/s opposed to 300 m/s in the air).

Ultrasound waves are also defined as **mechanical vibrations of matter** (at frequencies greater than 20 KHz).

Depending on the frequency, the properties of ultrasound are used in many fields.

II. MODIFICATION OF THE STRUCTURE OF THE ENVIRONMENT THROUGH WHICH THE WAVE PASSES: CAVITATION AND HEATING

- **In a liquid environment, they create little bubbles**, which are alternately compressed and released, as if they were prisoners in a syringe that is being compressed and released, then they implode at more than 400 km/h. This phenomenon is called cavitation.

For solids, the mobilization by vibration and heating are the main sources of ultrasounds' action.

- **They can transform the environment and break matter**

These properties of cavitation as well as of heating and vibration are currently used in the industry to join together materials reputed to be non-weldable.

It is also used to clean jewelry, remove tartar from teeth, sterilize certain liquids such as milk, or to detonate explosives from a distance.

The hardest materials can be pierced by this means with the precision of a few micrometers.

- **The transformation of acoustical energy into thermal energy**

The tissues the ultrasound waves pass through absorb the energy and transform it into heat.

This property was used in medicine in kinesitherapeutic treatments to relieve pain. They also have the ability to massage by causing tissues to vibrate.

III. SONAR, PHENOMENON OF ECHOLOCATION AND LOCATING FROM A DISTANCE

When a sound wave is emitted and encounters an obstacle, it is reflected and returns to its source in the form of an **echo**. This property is used to **locate and find things beyond the limits of visibility**.

- **Biological sonar**

This procedure is currently used in nature by whales and dolphins. It allows them to communicate with one another, locate prey, and orient themselves in the depths of the ocean while avoiding obstacles. The sounds and ultrasounds emitted (clicks, squealing, whistling) form “sentences” and are sometimes called “echolocation clicks.” The cetacean can then estimate the distance which separates it from the object or the animal from the speed at which the echo returns.

This same type of phenomenon is found in many **animal species**, in particular in bats that can travel in total darkness using this active orientation system.

In both these cases, sound acts as a sort of “**acoustical vision.**”

- **Sonars and radars**

A half-century ago, humans invented similar tools, radar and sonar, which operate using the same principle and make it possible to locate distant objects beyond humans’ normal range of vision.

- **Echography used for medical diagnosis**

Diagnostic ultrasound uses the same principle; ultrasounds are absorbed differently depending on the tissues encountered. Imaging systems thus ensure the exploration of areas that are opaque to light but relatively transparent to ultrasound, such as biological tissues. On the other hand, holographic concepts have led to the production of devices in which the optical image is built directly from the ultrasound wave emitted by the object to be displayed.

- **In physics, they are compared to a device that “reverses time”**

Many procedures with time-reversal mirrors make it possible to send the acoustical wave back to its source after having amplified it.

All the transducers **repeat in reverse** what they have heard. The transducers then re-emit the acoustical wave which “**relives**” **the stages of its previous journey**, and focuses on the source where it originated.

THE MAIN PROVING THEMES

We have chosen to follow the characteristics of ultrasound and the method of preparation when setting out the remedy's main themes.

I. A WAVE THAT CAUSES MATTER TO VIBRATE

An individual's energy is directly linked to his/her vibrational state.

The higher this state is, the more the individual feels energetic, light, well centered. The lower the vibrational state, the more the individual feels tired, heavy, "out of it," to use a popular expression.

On the other hand, ultrasound waves follow by definition a sinusoidal progression.

Remember that, during preparation, the water impregnated by the ultrasounds went from a static state to a dynamic, rippling state comparable to a progression by waves. It was animated by vibrational movements and was, so to speak, energized.

The dream of one prover well describes the phenomenon:

"I dreamed of a pool filled with water from the sea, and the water started to move to make waves."

➤ 1. THE ENERGY

- **Either it is increased**

- **Increased energy** is accompanied by a sensation of general **lightness** and in the limbs.

- **Efficiency in intellectual and physical work.** Lots of drive to do things.

Feeling of **great ease when doing things:**

- "I no longer encounter obstacles. All around me are limits. The relationships between those around me are filled with conflict and I pass through them. Better, I'm the one who helps resolve all these conflicts."

During the proving meeting, this theme of ease in doing things that up until that point had been difficult came up several times.

There were also dreams expressing this ease in doing things, for example, the dream of carrying trees.

- **Or it is decreased**

- **Fatigue with generalized physical and mental heaviness.**

- Aggravation on rising and in the afternoon, especially after 4:30 p.m..

- **General physical and mental slowness.**

- Marked sleepiness during the day, accompanied by frequent yawning.

The general heaviness is also expressed in **the body:**

- many **headaches with sensation of heaviness in the forehead** or of the brain, with the need to hold his head with his hand and press hard, aggravation from work or intellectual effort. One prover was cured of chronic headaches.

- locomotive handicaps that hinder movement, with the sensation of **heavy, tired and aching limbs and back.**
- The **left side** predominated in all these physical troubles.

➤ 2. THE WAVE

- **A. Periodical and alternating development of symptoms in waves ++**

- Fatigue alternates with an increase in energy.
- Clearness of mind alternates with confusion.
- **Periodical alternation of symptoms.**
- Alternation of physical symptoms with mental symptoms.
- Sensations **of waves** felt on the mental level.

During the meeting at the end of the proving, this theme was very pronounced:

- “Morale changes from one week to the other following a sine curve.”
- One prover drew a sine curve with his finger, saying:
“I have the sensation that the proving signs are following an oscillating curve with successive highs and lows.”
- Another: “In one day I had the sensation of moments that were diametrically opposite which followed one another and which were the same.”
- Or again: “After I woke up, I wrote in the middle of the night. The writing progressed in descending waves.”

On the level of physical symptoms, we also see:

- **Sensations of waves felt in different parts of the body** (arms, head, belly) and on the mental level.
- Sensation of **increased size of the thorax** with need for deep breaths that ameliorate (mentioned several times).
- Problems with intestinal peristalsis, the movements were analogous to the propagation of the ultrasound waves: **explosive diarrhea** shortly after eating, constipation with ineffectual urging (1 cured case).

- **B. To be in phase or out of phase with the vibrational wave**

This deals with the way subjects resonate with themselves and the world around them. This notion makes it possible to understand many symptoms:

≈ *To be in phase: harmonious resonance*

- **Clearness of mind** in all he does.
- **Intellectual** performance and **ease**.
- Some provers remarked that their mind was sharper, “*like a laser,*” that they found remedies faster for their patients.

- During the meeting, someone summed his experience in these words: “It was this clearness, as if all of a sudden I saw things more clearly, and the determination, that made me come out of a slump.”
- Dreams were particularly clear.

Incidents of synchronicity, coincidence, telepathy, and powers of a medium:

This theme came out in a very pronounced way, both in the provers’ writings and in the meeting at the end of the proving. This implies that the subject is “in phase,” that is in a form of resonance, global sympathy with everything around her.

- “Meets or receives calls from people he is thinking about.”
- “Synchronicity between his thoughts and what his patient is telling him. Feeling that the self is identified with situations, at the same time with a distance which protects from this identification. When I say a word, someone says it after.”
- “Impression of being the cause of events that apparently happen accidentally. Sensation of being the creator of situations. Sensation that nothing happens by chance.”

Great confidence in the way things are going:

- “Things will work out anyway.”
- “Impression that things were happening around me and in my direction.”
- Several provers lost things (credit cards, identification cards, etc.). They took a long time to declare the loss, with the inner conviction that the lost object would come back to them.

Great sensation of inner calm and distancing in relation to usual events and emotions.

- “Interior calm radiating through the entire body, like the day that dawns with a light that is not intense but that radiates.” (Reference to the iridescent properties of irradiated water.)
- “Sensation of being freed from angers, sensation of peace and serenity.”
In the same order of ideas, we noted dreams of peace and reconciliation.

Some physical symptoms can be connected together:

- Regulation of the appetite, with disappearance of raging hungers and certain addictions. Several provers went on a diet and lost weight.
- Ocular symptoms: need to open his eyes as much as possible, then the sensation that his eyes were shrinking with the sensation of being better with the eyes closed (connects with the clearness of mind and confusion). A little spotlight dazzles like a headlight.

≈ ***To be out of phase: dissonant resonance***

Many symptoms regarding **confusion of mind**, often very pronounced.

- Muddled mind. Comprehension slow. Sensation of mental heaviness.

- Confusion, lack of concentration.
- “Numerous thoughts of action on waking, like images that overlap quickly.”
- “Sensation as if consciousness was misted over.”
- **Marked confusion of thought and speech.**
We also noted a great distraction with **forgotten things**: his business, the location of things, what he was going to say; he can’t find the words.
- A lot of **mistakes** were reported, **both on the spatial and temporal levels**:
“Makes mistakes on well-known routes, makes mistakes about the time of appointments.”
But also in speaking, calculating, and writing.

Incidents of inversion

This particular theme can be connected with the phenomenon of the return of the ultrasound wave:

- Inversion of syllables, sees only one meaning of the word he is reading, and not the other. Does and feels forced to understand things backwards.
- There is also confusion regarding **body image**:
- “I have the impression I have a head like one of Picasso’s paintings, in the four directions.”
 - Sensation of strangeness of her body, as if it wasn’t her own

Certain **behavioral** aspects are along the same lines:

- Reacts inappropriately to situations.
- Capricious mood: as soon as he is in one place, he wants to be in another.
- Hesitates between one thing and another.
- Body movements clumsy.

Finally, some dreams translate this notion of **being out of phase with the group** or the place:

- “As if we were not on the same wavelength, out of phase.”
- Dream about people who had nothing to do with one another.
- Dream of being in a group where he felt different, out of touch with the others.
- Dream: “We were going to London and in a town that was half-built by the sea.”

- **C. The theme of order and disorder**

We can understand this theme by placing it in the “phase/out of phase” logic.

Several dreams and specific behaviors were described regarding the need to put things in order, to arrange things, becoming angry because of disorder.

During the meeting, one prover said: “As regards the general feeling, it seemed to me to be a remedy that might deal with order, confusion, order and chaos.”

➤ 3. THE WAVE’S PROGRESSION THROUGH THE WATER

- In our preparation, the ultrasound waves traveled through the water and caused it to move (waves).
- There were many **dreams of travel**, problems with trips, labyrinths, straight or conversely winding roads, downward and upward movements.
- Dreams of water, deep-sea diving, fountains, wet sheets.
- The movements of water in the body were made easier or decreased:
 - Urinated more easily or more frequently at night.
 - Diarrhea (or constipation).
 - Hypersalivation (or dry mouth).
 - Ear blocked and full with sensation that the ear canal was wet.
 - Perspiration at night; from the top of the body; parts of the body that were touching.

II. MODIFICATION OF IMPREGNATED MATTER

➤ 1. THE THEME OF CHANGE

- This theme expresses the memory of the process for transforming matter:
- “Sensation of being in the process of changing; desire for a change of career.”
 - “Has a homeopathic remedy been made from a chrysalis? I was struck by a photo of a caterpillar. At my friend’s place there was a lamp in the shape of a 1.50 m high cocoon. That conjured up the notion of change that I mentioned.”
 - “A change in our idea of the world for me means not only seeing the world differently, but also making it differently. The remedy helped me broaden my idea of the world. This broadening helps me decrease my dependence on unforeseeable events, thus it decreases my fears. I’ve gained independence.”

➤ 2. PRODUCTION OF HEAT

- **Vital heat generally increased, pleasant feeling;** in the hands; in the neck; in the ears; preceded by a flash of heat starting in the stomach going to the head.
- Usual chilliness clearly diminished in the cured prover.
- Sensation as if the tongue was burnt.

➤ 3. ULTRASOUNDS BREAK MATTER

Many incidents of **broken glass** were noted during the proving. Not only did the provers break objects (and especially glasses), but extraordinarily, it was enough for them to be present for glass objects to break around them.

Some remarked that they had to break glass objects when they were angry.

Remember that the preparation was made in a glass tube whose walls were hit by ultrasound beams for 45 minutes.

This idea of rapid, regular shocks on the glass walls can be connected with the following symptoms:

- **The brief and fleeting stabbing, tingling pains (bip bip bip).**
- **The intense itching like needles** and cracks in the skin.
- The explosive diarrhea.

There were also **violent dreams** of shots, fighting, a boiler that exploded.

There was also an **auditory symptomatology** that is easy to understand in relation to ultrasound:

- Tinnitus, throbbing, whistling.
- Hypersensitivity to shrill noises.
- Pains in the ear from the outside to the inside.

➤ 4. CAVITATION AND CONFINEMENT

In our preparation, the ultrasounds were trapped in the water inside a jar.

As we have seen, they created little bubbles inside the water which were animated by the pressure/lack of pressure.

The memory of these processes are found in the following themes:

The sensation of confinement:

- “Sensation of being under morphine, slowed down in his world, cut off from the outside.”
- Several provers felt as if they’d “had a fix,” as if they had been drugged.
- **“Sensation of a screen between reality and himself;** that music played did not reach him.”
- “Sensation that I am not really in life, **as if there were a screen:** sensation of confinement.”

Several dreams should also be noted:

- of cavities, closed places, cages;
- confinement;
- wells, labyrinths, going underground.

On the symptomatic level, there were **effects from closed cavities** (sinus).

III. ECHOLOCATION: RETURN OF THE WAVE TO ITS SOURCE

➤ 1. BIOLOGICAL SONAR: ANIMALS AND THE GROUP

We have seen that ultrasound is a tool of perception and communication for many animals (whales, dolphins, bats, elephants in their feet, etc.). Among other things, they make it possible to recognize the group in relation to a strange group and to locate dangers.

- **The theme of animals**

There were many **animal dreams** in this remedy: hybrid animals, threatening and friendly animals, animals that transform themselves.

And especially animals which the subject knows well and with whom the subject **subtly communicates** (in a non-verbal manner).

Dreams of good understanding between humans and animals.

Some examples:

- “A little later, one of the pandas came into the barn. It came to my side, very close, and all of a sudden it saw me. It was as though it started to talk to me, and I even think it extended its paw to me.”
- “Then in front of me, who was looking at me? A monkey, an astonishing monkey, very human, half-dressed in a bizarre fashion. It looked at me as though it was astonished, interested, and I think it held its hand out to me to communicate. I was very astonished that all these animals got along so well and threw such parties for me. My dog accepted the others very well.”
- “Dreams of fierce dogs with a strange sensation on waking of having a special smell that would attract dogs to me.”
- “Tonight I had a horrible dream, extremely harrowing: I had the very clear impression that my head was in the mouth of a large dog. I woke up with fear in my belly, and the sensation of fangs on my neck was so strong, I had to feel myself to make sure I wasn't bleeding.”

- **Themes of group, empathy for the human element, and communication**

This theme is very pronounced.

- Empathy, feels the concerns of others and tries to solve their problems.
- **Compassion for groups of people.**
- Sensitive to the solidarity between the members of the group and to the recognition of an individual by the group.
- Compassion towards his patients.
- “Feels he is truly present as a human instead of distant like behind a glass.. **Desire for people, to help people.**”
- Dreams of embracing and of compassion. Dreams of helping, friendship, protection, **reaching out to others.**

Lots of dreams of **groups**, students, meals eaten with a group and of being out of phase with the group (dreams of people who have nothing in common with each other, or dreams of being out of phase with the group).

Also, dreams of **dangers** that threaten the group and the individual (war, pursuit, terrorism) and of being the protector who kills the enemies.

There is also a theme of **communication** with others, which may be difficult or more often easy (dreams of communication with strangers and of speaking several languages).

➤ 2. ECHOLOCAION AND ITS APPLICATIONS

We have seen that this property allows the location of objects too distant or opaque to be visible. It is brought into play in the animal kingdom to create a sort of acoustical vision.

It has been compared in physics to a device **that reverses time**.

It should be remembered that in our preparation, the ultrasounds go back and forth in the water many times between the emitting source and the glass wall on which they reflect themselves as an echo.

These elements help us to understand the following basic themes:

- **The theme of going back through the past +++**

This aspect was particularly pronounced in a large number of provers, on the mental level, in the dreams, and in the physical symptomatology.

- “Desire to probe the family psychology and to seek the causes with his ancestors.”
- Return of old situations, of objects and places of former times.
- Meets or dreams of people known a long time ago.
- Dreams of himself when young, of his youth, of children, of children’s games.
- Dreams of old people.

There is a **great resurgence of the past**.

During the meeting’ for example:

- “Overall, this remedy took me back to a very happy period in my past, which was a period of change.”
- “I had periods of fatigue which seemed like a recurrence.”
- “I felt a need to externalize the past.”
- “I had the impression that the remedy brought up old things.”
- A prover wrote in a half-sleep: “I am coming back to myself.”
- In some cases we see a need to separate or become free from the past:
- Dreams “of getting rid of the past, of old objects, of getting rid of old teeth.”
- Some people got things in order by throwing away things that were burdening them.
- The cured prover said: “I freed myself from an old anger that hadn’t been expressed and that wouldn’t go away. And by the end of the second day, I had the impression that a cage had been opened, I was breathing deeply with an unbelievable feeling of freedom.”
- Sensation of freedom from old neuroses.

Reappearance of old symptoms, old fractures that hurt or scars that itched, are an expression of this resurgence.

- **A different awareness of time**

It was as if time became elastic, which is reminiscent of the elastic properties of ultrasound waves.

- “Sensation that time is no longer exactly the same; moments diametrically opposed in days that follow one another and which are the same.”
- “I had the impression that time was passing more slowly or that I was doing things more quickly. And then it was the opposite: another time I had the feeling of doing everything in slow motion.”
- **“Time had less importance. There were minutes that lasted ten times longer and hours that lasted ten times less.”**
- Impression of not enjoying the present.

Conscious of **the passing of time:**

- “Conscious of the ephemeral and the essential. What has the past become in relation to the present?”
- Sees herself projected into a **future time:**
- “I was very old (although still brown and with few wrinkles, but walking with a cane). All my generation was dead. My children and their children were still there, life no longer held anything for me and I asked them to die.”
- The words of a prover:
“There is something to do with time, time passing, the past, the present, the future.”

It is a bit as if the subject entered another dimension of time that, from being linear, became curved and cyclical.

We can connect this theme of time with the **synchronicities** seen previously, that are like an echo that comes back to its author:

“When I say a word, someone says it after.”

- **The theme of two worlds**

- We often find this impression of **being in one world and the other cannot reach him, or of being suspended between the two.**
- A lot of dreams express this notion of notion of the double (hybrid animals, two people, half-town, half-country, etc.). There were symptoms along this line in several provers:
 - “Sensation of a screen between reality and me; impression that the music played does not reach me. Sensation of confinement, of being cut off from the outside.”
 - “Sensation of being vaguely detached, **as if he was floating between his real life and his special life.**”
 - “Impression of being in a hammock whose ties could snap at any minute, which gave a feeling of insecurity
 - “Impression of being between confusion and clairvoyance.”

- “Impression that there is no boundary between being alive and being dead, I am living but it is the same thing as being dead. I have the impression that my body is a stranger to me.”
- As regards **vision**, this particular symptom:
“When reading, the sensation as if half the words were underlined in greenish yellow.”

HYPOTHESIS AND CONCLUSION

After having thought about the various themes of this proving, we would like to suggest an underlying hypothesis of the issues of this remedy and a few possible clinical pictures that may correspond to it.

It goes without saying that this is only one proposal and we hope that we may all enrich this work with clinical cases and personal thoughts.

Generally speaking, it seems that *Ultrasound* may in some way have developed a **different awareness of reality** in the provers:

1. Awareness of two levels of reality between which he is floating

- It is as if *Ultrasound* awoke the echo of an imperceptible world in the prover who was situated behind a screen in the perceptible world.
- Remember that, in the preparation material, the purpose of the echographic device is to make perceptible something that is not.

2. Awareness of a different time that is not linear but cyclical

3. Awakening of past memory and origins

- *Ultrasound* makes one travel a road back towards the past, in the meanderings of the unconscious. It recalls to mind things that have flowed away in forgetfulness, in water.
- Symbolically, water is considered to be the place of memory, of the personal and universal unconscious.
- Perhaps *Ultrasound* awakens the memory of the original source, of that particular suspended state (like a hammock) between that which is not manifested and that which is, that moment just before incarnation where the being is not yet subject to the system of the duality of time and space.

4. Immediate awareness of things with particular clarity

- There is a sort of immediate knowledge of things that does not pass through the conventional criteria of time and space.
- In this particular state of awareness, all types of creation are done with ease and characteristic confidence.

- It is as if the strength of the thought was creative, as expressed in these words by a prover: “People master the world through their mental strength. We are masters of the game.”

Possible clinical pictures

- **Overdeveloped ego**

- These are people who think they are God, who believe they are the origin of everything around them. They believe they trigger events through the simple power of their presence or their thoughts.
- They may have a strong personality and great ease in their professional milieu or in communicating.
- They have a particular clarity of mind, rapidity of thought (laser), phenomenal mobility and energy that enables them to do everything.
- They may have a particular aura and absolute confidence in the course of things, feeling almost as if their lives were controlled from a distance.
- They are well integrated into groups where they willingly play the role of protector, of caregiver, and spiritual leader.

- **Underdeveloped ego**

- Poorly incarnated subjects, very confused, between two worlds, “borderline.”
- Enclosed in their own world and cut off from reality and others by a sort of screen.
- Willingly lost in the meanderings of the occult world or their past, and their unconscious which attacks them.
- Have trouble situating themselves in space and time.
- They have a lot of problems doing things, expressing themselves, thinking, moving.
- They may have a particular sensitiveness to everything around them and an empathy for the group in which they feel out of phase, anachronistic.

We should ask ourselves if this remedy may be indicated when we are trying to bring a patient’s suppressed emotions to the surface, on condition, of course, that they have a sensitive profile.

Ultrasound, “vibrational substance,” still needs clinical confirmation.
May this new remedy heal many patients
and help them find the balance of their Energy.

