

CHROMO ACUPUNCTURE

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Since ancient times color was an important element in human life. The use of color is influenced by the context of life; it has a cultural, emotional and symbolic significance. It has been used for religious purposes, magical, therapeutic and artistic. The color comes from light; no light the color doesn't exist. The color is generated in the eye and is the sensory impression. The different wavelengths are interpreted by the brain as colors. The perception of colors is a neurophysiological process: the luminous radiation coming to our eye is encoded by the retinal photoreceptors: rods (sensitive to the light intensity) and cones (to the light color) that the brain processes producing the color sensation on the basis of the wavelength of the radiation. We have three kinds of cones that are sensible for the red, green and blue light, respectively. We cannot associate a wavelength in all the colors, there are colors produced by the workings of our visual apparatus. For example, when two different monochromatic waves, belonging to two different regions of the spectrum, urge the eye at the same time, the brain interprets the solicitation as a new color or the sum of the two original colors. When all three cones are stimulated we see white light. Colors are divided into primary, those that can not be generated from other colors, and complementary, those obtained from the mixture of the primary. Goethe determined that there are three pure colors (red, yellow and blue), by the admixture of which all others flow. Mixing these colors together you get the secondary colors of the first order: red and yellow become orange, yellow and blue to green, and blue and red to purple.¹ Animals have more rods than cones compared humans; they can see in the dark, but can't see the same range of color that humans can.

Dogs see blue, violet and yellow distinctly. They recognize red, orange and green shades as different from white but confuse them with yellow. They do not see other colors.

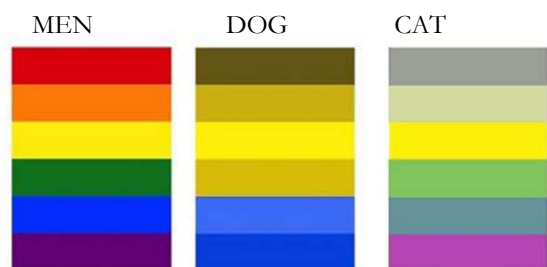


Figure 1: Different Way to See the Color

Cats, however, sees blue violet yellow and green distinctly, but no red. The reason is that in the natural word the prey's mantle could be grey, brown and beige.²

Eberhard later studied four temperaments referring to red, green, blue and yellow (melancholic, choleric, sanguine and phlegmatic).³

All light radiations have biochemical and biophysical effects on the organic and inorganic matter in relationship to the nature and to the wavelength of the radiation. Our body absorbs the color in various ways. In this context, we consider the color absorption by those particular points that are located on the skin, the acupuncture points. Peter Mandel,³ is the creator of Chromo puncture, which transfers the treatment with the color on Chinese Meridian systems. In the early 1970s, Mandel started studying the Kirliam effect to demonstrate chromo acupuncture. This effect allows you to see and photograph the bioenergetics irradiation in a high frequency field, taking photo of hands and feet because the skin shall issue constantly electrical discharge. This method is called DEPT "terminal point energy audit" (Italian translation) or EEAT (energy emission analysis terminals), or internationally: EEA energetic emission analysis.

This approach relies on the findings of biophysical scientist A. Popp⁴ which demonstrates that the cell (the DNA in a replication phases) emits biophotons. It is very weak electromagnetic emissions; messages are sent and received from the cells and are decoded into biological signals. This transmission takes place by resonance. At this point we can say that stimulating the acupuncture points with colored light beams allows you to edit a disharmonious energy structure; the acupoints are the gate of the Meridians where the color could be let in to harmonize them. According to Traditional Chinese Medicine (TCM), every organism's energetic balance is based on the *Yin-Yang* relationship, and in the case of a disharmony, we have Excess or Deficiency of *Qi*. With the colors, we can invigorate or dissipate energy, trying to rebalance; if the energy imbalance was *Yin*, then a *Yang* color must be used to reverse it.

How to use

We have different ways to use the chromo therapy:

- ☉ according to the Mendel Theory with rebalance of three vibration modes;
 - vertical vibration the fist is used *Yin-tang* with blue color and CV-3 white orange; reverse if we have toxic or degenerative disease;
 - Horizontal way for *Yang* lateral Noiger point and SP-21, for *Yin* GB-25 yellow color and GB-30 violet color the same side.
- ☉ Always like Mendel every Back *Shu* and *Mu* points has a couple complementary colors

- ☉ Used the color according to Hot- Warm- Cold – neutral energy for tone or disperse
- ☉ Used according to the color action
- ☉ Auricular acupuncture
- ☉ Other ways to use the light color in the animal's room. For example, violet for relaxation

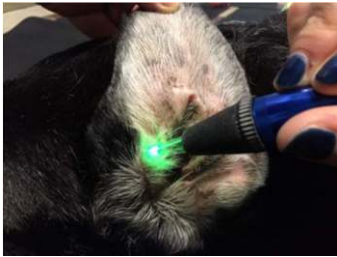


Figure 2: Chromo Auricular Treatment

Disease:

Chromo acupuncture action on:

- Pain arthrosis, back problem
- Balance the entire endocrine system
- Regulate sleep –wake cycles, hunger-thirst
- Strengthen the immune system
- Reduce stress
- Allergy Dermatitis
- Anxiety and extreme exhaustion
- Prevention than therapeutic

Tool

In chromo acupuncture, we used a special torch with chromatics lens that selects the light colors. There are seven crystal tips for each color. Some pens have the possibility to change frequency to treat the points, normally radiating from 30 second to one minutes for each point once a day, every day or more until once a week.



Figure 3: Chromo Pen

There are different ideas on how to use the color:

In TCM we associate one color to each element

- **Red:** Fire movement color, Heart and Small Intestine, pericardium and *San Jiao*, Fire-Heat energy. Language (in the sense of the ability to speak). Blood vessels.
- **White:** Metal movement color Lung and Large Intestine. Energy Dryness, nose, skin.
- **Yellow:** Earth movement Spleen/Pancreas and Stomach. Energy humidity. Mouth. Muscles.
- **Black/Blue:** Water movement Kidney and Urinary Bladder. Cold energy. Sensory organs and ears (hearing) in particular. Bones.
- **Green:** Wood movement Liver and Gall Bladder. Wind energy. Eyes. Tendons.

The color characteristics according to Mandel¹

- Red is the color with the highest penetration and is used in all circulatory disorders. It stimulates in case of chronic diseases.
- Blue is a Cool color. This color infuses calmness and is used in all situations of acute inflammation.

- Yellow is a Warm color, used in all diseases of the digestive tract. Brings serenity.
- Green is a neutral color. It is a sedative color, calming, relaxing.
- Orange: used in cases of psychosis and melancholia, helpful to find energy and joy.
- Violet: it strengthens meditation and is considered the inspiration of color.
- Turquoise: used for stiffness and Stagnation of the subconscious, it guarantees serenity and well-being.

The color characteristics according C. DiStanislao, M. Corradin, F. Bonanomi (Italians' doctors)¹

- Red: very hot energy, is Fire increase blood pressure, chronic diseases, working on muscles, healing, for *Shen*, is a Physical Energy
- Orange: hot energy, is warming, stimulation thyroid, antispasmodic, used instead red for a light stimulation.
- Yellow: Warm energy, rationality, impulse is not continuous, for sport animals because increase muscle tone, quick reflexes. Is a strong stimulator of well-being, happiness.

- Green: neutral color, is balance, hope, restored property, increase vitality.
- For stress, anxiety, hyperactivity, insomnia, psychosomatic gastrointestinal disease. Sedative nervous system.
- Turquoise: is a Cold color, is a calm and peace color. Invigorate parasympathetic nervous system, reduce blood pressure, for tachycardia and palpitation. Good for joint pain and fever. Used for induce a relax.
- Blue: is a Cold and cosmic color, represent hunch. Used for sensory organs like nose, eyes. It stimulates parathyroid gland by inhibiting thyroid. Refreshing, astringent, increase muscle tone. Facilitates intuition.

In our study, we used a special chromo puncture pen with the seven colors red, blue, yellow, green, orange, purple and turquoise with the same wavelength but with a choice of switching between different intensity, we always use the highest intensity to achieve more penetration because of animals' hair coat. The color choice was dictated by the TCVM exams, in which we evaluated whether the chosen points for the treatment of the disease were full or empty, so considering using Warm colors to invigorate (considering the use of red or orange depending of gravity) and the Cold to disperse (use of blue or turquoise with the same criterion of Warm colors). The yellow color has been used for digestive problems as recommended by Mandel and purple has been found useful along with the blue and turquoise in behavioral issues related to *Shen*.

In our study, we describe in particular the use of chromo puncture for the treatment of the so-called "stud tail" in two dogs, the treatment of a cat with hyperthyroidism problems and subsequently behavioral problems, the treatment of a psychosomatic dermatitis in a cat, constipation in two cats one dictated by a dislocation of the column following a fall and the other for osteoarthritis problems at the level of the lumbosacral spine.

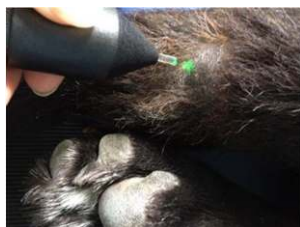


Figure 4: Stud Tail Treatment

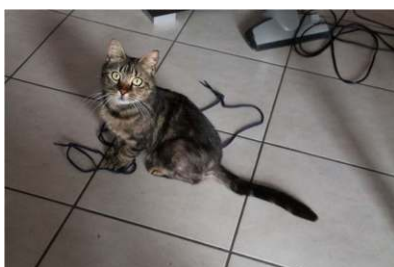


Figure 5: Gigi

Clinical Case: **GIGI**

History

- Sex: castrated male
- Age: 2 yo
- Breed: European
- Disease: atopic dermatitis large skin scratching injury above ears, neck and legs
- rescue cat: 02/14/2016 whit rhino- tracheitis and flea, scared, doesn't want to cuddle
- Therapy: 03/2016 started antibiotics and antiparasitic. Gigi wore an Elizabethan collar for a one month, after he started scratching a lot especially on the head and neck
- 04/2016 change food with hypoallergenic food and used herbal Valerian to quiet
- 05/2016 not responsive and the skin lesion very important, decided to made corticosteroid; a little relief of symptoms, but Gigi licking in obsessive way
- 06/2016 Ribes Nigrum
- 07/2016 started chromo therapy



Figure 6: Skin Lesion



Figure 7: Elizabethan collar

TCVM Visit

Zhen Duan

- **Inspection Wang**
- ✓ *Shen*: good
- ✓ Tongue: pale, dry
- ✓ Skin: important skin lesion, greasy hair

Questions Wen

- ✓ Live at home
- ✓ Typology: Water. scared, anxious
- ✓ Food: mix dry and wet food

Palpation Qie:

- ✓ Important skin lesions on neck, ears, foot and tail

- ✓ Back *Shu*: BL-23 very reactive, (the cat bit). BL-13 e BL-15 empty
- ✓ Pulse: slow, deep

TCVM Pattern

No balance Heart-Kidney, *Shao-yin* level; the Child Lever doesn't move and Mather Lung doesn't produce *Wei Qi*

TCVM Diagnosis: BA-GANG

Inside, empty, not true Hot, *Yin* Deficiency

TCVM treatment

Balance Kidney, Heart and Lung


4/07/2016 1 st day 	Tongue	Pale
	Pulse	Deep, thready
	Back <i>Shu</i>	BL-23 pain, BL-13 e BL-15 empty
	Therapy	GV-20 blue to relieve cat <i>Shen</i> BL-23 blue for pain and tone Kidney BL-13, BL-15 orange for points empty and BL-42 for <i>Po</i> LI-11 Blue Wind sedative.
	Follow up	Gigi remain stable skin lesions are the same, no more no less, but started meowing at night

Figure 8: Gigi Treatment

11/07/2016 2 nd visit	Tongue	Pale
	Pulse	Deep and thready
	Back <i>Shu</i>	BL-23 pain , BL-13, BL-15 empty
	Therapy	GV-20 blue to relieve cat <i>Shen</i> BL-23 blue for pain and tone Kidney BL-13, BL-15 orange for points empty and BL-42 for <i>Po</i> PC-6 red for <i>Shen</i>
	Follow up	Gigi stopped to meowing for 7 nights
18/07/2016 3 rd visit	Tongue	Pale
	Pulse	Deep and thready
	Back <i>Shu</i>	BL-23 pain, BL-13, BL-15 empty
	Therapy	GV-20 blue to relieve cat <i>Shen</i> BL-23 blue for pain and tone Kidney BL-13, BL-15 orange for points empty and BL-42 for <i>Po</i> PC-6 red for <i>Shen</i>
	Follow up	Gigi stopped meowing and better the skin lesion
25/07/2016 4 th visit	Tongue	Pale
	Pulse	Deep and thready
	Back <i>Shu</i>	BL-23 empty BL-13 e BL-15 empty
	Therapy	GV-20 blue to relieve cat <i>Shen</i> BL-23 blue for pain and tone Kidney BL-13, BL-15 orange for points empty and BL-42 for <i>Po</i> PC-6 red for <i>Shen</i>
	Follow up	Gigi feels better, no anxious and owner massage at home BL-23 to tone

Stopped therapy for summer holiday


12/09/2016 5 [^] visit 	Tongue	Pale
	Pulse	Deep and thready
	Back <i>Shu</i>	BL-13, BL-15 REACTIVE
	Therapy	GV-20, BL-23, KID-7 blue calm <i>Shen</i> PC-6 red for <i>Shen</i>
	Follow up	Gigi started meowing at 5 AM and owner had to get up

Figure 9: Gigi Treatment

19/09/2016 6 [^] visit	Tongue	Pale
	Pulse	Deep and thready
	Back <i>Shu</i>	BL-13 e BL-15 REACTIVE
	Therapy	BL-42, BL-52, BL-23, GV-20 blue for <i>Shen</i> (<i>Po</i> and <i>Shen</i>) and for pain at KID
	Follow up	Gigi started meowing at 5 AM and owner had to get up

26/09/2016 7 [^] visit	Tongue	Pink
	Pulse	Deep and wiry
	Back <i>Shu</i>	BL-13 e BL-15 REACTIVE
	Therapy	BL-42, BL-13, BL-15, GV-20 BL-44 in blue; PC-6 orange
	Follow up	Gigi wakes up, but falls back to sleep

03/10/2016 8 [^] visit	Tongue	Pale
	Pulse	Deep and thready
	Back <i>Shu</i>	BL-13 e BL-15 REACTIVE
	Therapy	BL-42, BL-13, BL -15, GV-20, BL-44 in blue; PC-6 orange
	Follow up	Gigi wakes up, but falls back to sleep. Owner finds urine

24/10/2016 9 [^] visit	Tongue	Pale
	Pulse	Deep and thready
	Back <i>Shu</i>	BL-13 e BL-15 REACTIVE
	Therapy	BL-42, BL-13, BL-15, GV-20, BL-44 in blue; PC-6 orange
	Follow up	Gigi sleeps and doesn't urinate

07/11/2016 10 [^] visit	Tongue	Pale
	Pulse	Superficial
	Back <i>Shu</i>	BL-13 e BL-15 normal
	Therapy	BL-42, BL-13, BL-15, GV-20, BL-44 in blue; PC-6 orange
	Follow up	Gigi feels good, didn't wake up


15/11/2016 11 [^] visit 	Tongue	Pale
	Pulse	Superficial
	Back <i>Shu</i>	BL-13 e BL-15 normal
	Therapy	BL-42, BL-13, BL-23, BL-52 violet is color to balance PC-6 orange Violet light at home
	Follow up	Gigi feels good

Figure 10: End Treatment

Table 1: Point Used and Function

BL-23 <i>Shen-shu</i>	Back <i>Shu</i> association Kidney point <i>Yin</i> and <i>Qi</i> Deficiency
BL-13 <i>Fei-shu</i>	Back <i>Shu</i> association Lung point <i>Yin</i> Deficiency
BL-15 <i>Xin-shu</i>	Back <i>Shu</i> association Heart point sleep disorder, <i>Shen</i> disturbance, cognitive dysfunction
GV-20 <i>Bai-hui</i>	Sedation point, <i>Shen</i> disturbance
BL-42 <i>Po-hu</i>	Lung <i>Shen</i>
PC- 6 <i>Nei-guan</i>	<i>Shen</i> disturbance, sleep disorder
BL-44 <i>Shen-tang</i>	Heart <i>Shen</i>
BL-52 <i>Zhi-shi</i>	Kidney <i>Shen</i>

Conclusion

In all chromo treated patients, we achieved relief of the clinical signs. The chromo acupuncture therapy has been shown to be a very good treatment, sometimes similar to acupuncture. Acupuncture remains the first choice, but whenever it's hard to use acupuncture, chromo therapy is easier to apply. Is a non –invasive treatment so it is easy to do in aggressive patients. It is possible to combine the two treatments to have an increased effect. We have noticed that cats are more responsive compared dogs, especially when there is a behavioral problem. This is probably because the cats are more sensitive to light colors than

dogs and/or maybe because we have used chromo therapy more often in cats, which are more difficult to needle.

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