

A Study to Evaluate the Efficacy of Bioresonance Therapy of MORA Device on Allergic Symptoms

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BACKGROUND:

Application of alternative medicine for allergic diseases is more and more popular nowadays. MORA Super+ is a bioresonance therapy device with electro-dermal screening (EDS) and electronic homeopathic remedies utilized widely in alternative medicine. The study is intended to evaluate the efficacy of bioresonance therapy of MORA Super+ device on allergic symptoms.

METHODS:

Thirty-two patients with allergic dermatitis, allergic rhinitis, allergic conjunctivitis, and bronchial asthma were enrolled, presenting at least one of the following symptoms: sneezing, nasal obstruction, cough, skin itching, or itching of eyes. Twenty were males, and seven were adults, ranging from 2 to 64 years old. All the patients had undergone electro-dermal screening before application of individualized electronic homeopathic therapy by MORA Super+ bioresonance device. The response was recorded according to the subjective improvement in symptoms of the patients, and was classified as being obviously effective, being effective, turning better, being ineffective, and deterioration. Total response included the subgroups of "being obviously effective", "being effective", and "turning better".

RESULTS:

The total response rate for sneezing was 92.0%, and 96.3%, 95.2%, 92.9%, 92.0% respectively for nasal obstruction, cough, skin itching, and itching of eyes. The "obviously effective" and "effective" rate for sneezing was 76.0%, 77.8% for nasal obstruction, 76.2% for cough, 78.6% for skin itching, and 80.0% for itching of eyes. Cumulative response rate was 38.7% after one-day treatment, 64.5% on day 3, and 83.9% on day 7. No patients showed deterioration or adverse events during the treatment course except one with aggravation of sneezing.

CONCLUSIONS:

Preliminary results showed that bioresonance therapy of MORA Super+ device might help with the allergic symptoms. But it deserves more deliberate, large-scaled, double-blind controlled studies to tell the true efficacy.

INTRODUCTION:

A growing incidence of allergic illnesses has been observed over the past 20 years, affecting now approximately 20% of the population in the developed countries. Since these diseases remain so far essentially controllable rather than curable by modern western medicine, more and more people resort to complementary alternative medicine (CAM), amid which homeopathy, acupuncture, and bioresonance comprise almost the entire application.

The main thesis of homeopathy is that an ill person can be treated by a substance that can induce, in a healthy person, similar symptoms of the illness. According to homeopaths, serial dilutions with oscillation in between remove the toxic effects of the substance, while retain the essential qualities of the diluents (which can be water, sugar, or alcohol). The end product is often so diluted that it is indistinguishable from pure water, sugar or alcohol[1]. The information of homeopathic copies of remedies has been available since 1990 in electronically stored digital form, so called "electronic homeopathy"[2]. Electronic-homeopathic copies of remedies (EHCs), i.e. preparations made by "imprinting" the parent substance onto water (or other carriers) with the help of M Rae devices, have gained certain acceptance in some fields of alternative medicine as homeopathic nosodes[3].

Bioresonance therapy was invented in 1977 and marketed as MORA-therapy[18], named after the German inventors Franz Morell, and his son-in-law, Erich Rasche. This method is based on former radionics introduced in the USA during 1920s, which utilized alternating current applied directly to the patient's skin to promote healing. They found that, with specific frequency and energy, cells did have a natural resonance (i.e. bio-resonance)[4].

This study is intended to evaluate the efficacy of bioresonance therapy of MORA Super+ device on allergic symptoms.

METHODS:

Thirty-two patients, seen consecutively at a local outpatient clinic, with allergic dermatitis, allergic rhinitis, allergic conjunctivitis, and bronchial asthma were enrolled. They displayed at least one of the following symptoms: sneezing, nasal

obstruction, cough, skin itching, and itching of eyes. The patients were asked to stay away from all possible allergens and take adequate rest during the study.

MORA Super+ bioresonance device (made in Germany) was used for individual electro-dermal screening (EDS) (figure 1) and to show the energetic state of the patient's electro-acupuncture(EAP) meridians (figure 2). Appropriate EHCs (table 1) were selected if they were able to recover balance of EAP levels between 47 and 53 (figure 3) in high potency(as D400) state, and so were possible electronic copies of allergens (such as food, dust mites, heavy metals, environmental toxins, pollens, moulds, animals, etc.) based upon the assessments with the EDS probe on the "allergy point" (located on the middle finger). If the patient showed signs of stress or emotional distress, the "heart point" could be evaluated, and suitable electronic copies of Bach-flower remedies could be applied accordingly by the same way as above. Then the patient was asked to sit in a chair with bare feet on the foot plate and an electrode connected to the MORA Super+ device in each hand (figure 4). High potency (by setting the MORA Super+ filter to High Pass 55 KHz, equivalent potency to D400 or 400X) and high multiples (99*9 times) were employed universally for every patient as bioresonance therapy. Each session last from 10 to 20 minutes, depending on the patient's age and symptoms. The frequency of sessions could be adjusted according to the patient's progress.



Figure 1. A patient was receiving meridian analysis through electro-dermal screening (EDS) with MORA Super+ device.

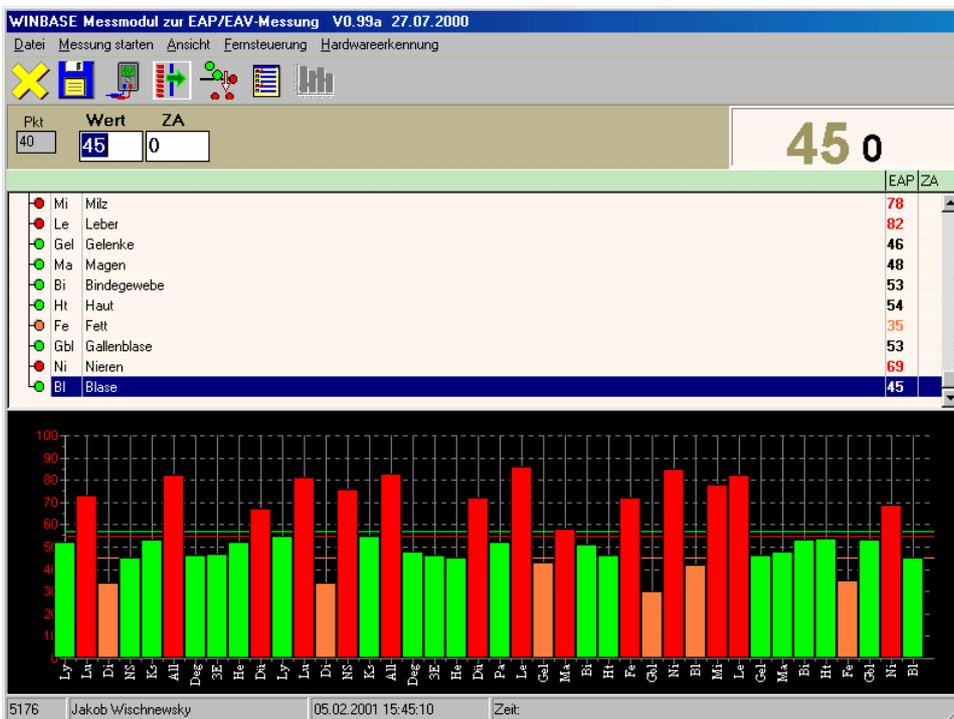


Figure 2. The energetic state of a patient's electro-acupuncture(EAP) meridians by electro-dermal screening (EDS) with MORA Super+ device

Table 1. The electronic-homoeopathic copies of remedies (EHCs) used in this study for corresponding allergic symptoms[5] [17]

	sneezing	nasal obstruction	itching of nose	conjunctivitis	skin itching	cough
Aconitum	○	△		⊙	△	⊙
Allium cepa	⊙	○		⊙		
Anacardium	○	△			○	
Apis mellifica		△	△	⊙	⊙	
Arsenicum album	⊙	⊙		⊙	⊙	
Baptisia	△	△				

Belladonna	○			⊙		⊙
Bryonia	⊙			○	○	⊙
Calcarea carbonica Hahnemanni	○	⊙	○	⊙	○	○
Causticum Hahnemanni	○	⊙	⊙	○	⊙	⊙
Echinacea		△				△
Eupatorium perfoliatum	⊙	△		○		
Euphrasia	○			⊙		
Hepar sulphuris calcareum		○		○	△	⊙
Hyoscyamus					△	⊙
Ipecacuanha	○	○	△	○	○	⊙
Kalium bichromicum	○	⊙		○	○	△
Kalium carbonicum	△	○	○	○	○	○
Lycopodium	○	⊙	○	⊙	⊙	⊙
Mercurius solubilis Hahnemanni	⊙	○	○	⊙	⊙	⊙
Natrium chloratum	⊙	⊙		⊙	⊙	
Nux vomica	⊙	⊙	○	○	○	⊙
Phosphorus	○	⊙	△	○	○	⊙

Pulsatilla	⊙	⊙	△	⊙	⊙	⊙
Rhus toxicodendron	⊙	○		⊙	⊙	
Rumex	○	○				⊙
Silicea	○	⊙	○	⊙	⊙	
Spongia tosta	○	○			⊙	⊙
Sulphur lotum	⊙	○	⊙	⊙	⊙	○
Tuberculinum			△		⊙	⊙
Urtica urens			△		⊙	

(The probability of effectiveness : □ > □ > □)

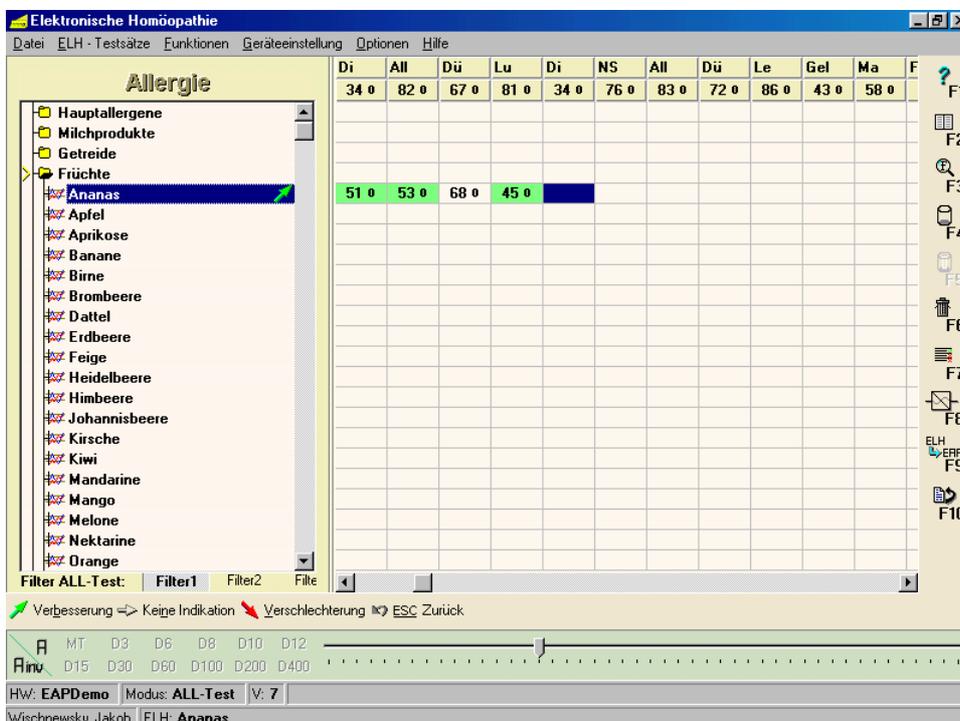


Figure 3. Appropriate electronic copies of allergens (such as food, dust mites, heavy metals, environmental toxins, pollen, mould, animals, etc.) as well as possible electronic-homoeopathic copies of remedies (EHCs) were chosen if they were able

to recover balance of electro-acupuncture(EAP) levels in high potency(as D400) state.



Figure 4. MORA Super+ bioresonance therapy

Treatment also consisted of the same EHCs (including electronic copies of allergens and electronic copies of Bach-flower remedies) selected by the way as above and prepared by MORA Super+ Device, with brown sugar (made in Taiwan) as the carrier, if the patient showed signs or symptoms of allergy during the study. Each dose was made of 1-1.5gm of brown sugar. For the patient with unsatisfactory symptomatic improvement, EHCs in liquid form were administered, with 3gm of processed brown sugar dissolving in 400-500ml of water and shaken over 60 times.

The response was recorded according to the subjective improvement in symptoms of the patients, and was classified as being obviously effective, being effective, turning better, being ineffective, and deterioration. Total response included the subgroups of "being obviously effective", "being effective", and "turning better".

RESULTS:

Twenty of the 32 testers were males, and 7 were adults. The age ranged from 2 to 64 years old. Table 2 and 3 summarized the symptoms of the patients before

and after treatment.

Table 2. Summary of the patients' presenting symptoms before treatment (percentage)

symptoms	very severe/severe	moderate	mild
sneezing (n=25)	15 (60.0)	5 (20.0)	5 (20.0)
nasal obstruction (n=27)	21 (77.8)	2 (7.4)	4 (14.8)
cough (n=21)	13 (61.9)	0	8 (38.1)
skin itching (n=14)	8 (57.1)	3 (21.4)	3 (21.4)
itching of eyes (n=25)	9 (36.0)	8 (32.0)	8 (32.0)

Table 3. Summary of the patients' symptoms after treatment (percentage)

symptoms	very severe/severe	moderate	mild	absent
sneezing (n=25)	1 (4.0)	3 (12.0)	11 (44.0)	10 (40.0)
nasal obstruction (n=27)	1 (3.7)	3 (11.1)	15 (55.6)	8 (29.6)
cough (n=21)	1 (4.8)	2 (9.5)	9 (42.8)	9 (42.8)
skin itching (n=14)	0	2 (14.3)	9 (64.3)	3 (21.4)
itching of eyes (n=25)	0	1 (4.0)	11 (44.0)	13 (52.0)

The total response rate for sneezing was 92.0%, and 96.3%, 95.2%, 92.9%, 92.0% respectively for nasal obstruction, cough, skin itching, and itching of eyes (table 4). The "obviously effective" and "effective" rate for sneezing was 76.0%, 77.8% for nasal obstruction, 76.2% for cough, 78.6% for skin itching, and 80.0% for itching of eyes. Cumulative response rate was 38.7% after one-day treatment, 64.5% on day 3, and 83.9% on day 7. No patients showed deterioration or adverse events during the treatment course except one with aggravation of sneezing.

Table 4. Summary of response after treatment (percentage)

symptoms	total response*	obviously effective/effective	turning better	no effect	worse
sneezing (n=25)	23 (92.0)	19 (76.0)	4 (16.0)	1 (4.0)	1 (4.0)
nasal obstruction (n=27)	26 (96.3)	21 (77.8)	5 (18.5)	1 (3.7)	0
cough (n=21)	20 (95.2)	16 (76.2)	4 (19.0)	1 (4.8)	0
skin itching (n=14)	13 (92.9)	11 (78.6)	2 (14.3)	1 (7.1)	0
itching of eyes (n=25)	23 (92.0)	20 (80.0)	3 (12.0)	2 (8.0)	0

*Total response included the subgroups of "being obviously effective", "being effective", and "turning better".

DISCUSSION:

Allergy, as reported in the 1997 International Study of Asthma and Allergies in Children (ISAAC), is one of the most common chronic disorders affecting humankind with an ever-increasing prevalence that has been as high as 41% in some populations in the world. In the studies by Wu *et al*, the prevalence of asthma in 6- to 7-year-old children living in Taipei increased from 6.91%[6] to 20.34%[7] over 21 years, and that of allergic rhinitis also did from 14.31% to 49.39%.

People with severe and incurable diseases may seek help from CAM. These managements are adopted as well by more and more patients with other chronic and incurable but not life-threatening diseases. At least in the United States, the popularity of CAM seems to be more widespread among the patients with allergy, asthma, and immunological disorders than among those with other common chronic medical problems[8] that Congress established the Office of Alternative Medicine (OAM) in 1992 and the National Center for Complementary and Alternative Medicine (NCCAM) in 1999. Funds appropriated for each fiscal year increased from 50 million dollars in 1999 to 121.6 million dollars in 2008[9].

Patients with allergic symptoms do benefit from CAM. The response rate of

homeopathic treatment was up to 87.6% in a study of 147 cases with allergy of the respiratory system[10]. The combined odds ratio in a meta-analysis[11] of 89 double-blind or randomized placebo-controlled studies was 2.45 (95% confidence interval 2.05-2.93) in favor of homeopathy. In a randomized controlled trial[12] of patients with perennial allergic rhinitis, the mean symptom reduction on visual analogue scores was 28% (10.9mm) for homeopathy, compared to 3% (1.1mm) for placebo (95% confidence interval 4.2-15.4, P=0.0007).

Bioresonance therapy also helps with allergic disorders. In a study by Schumacher *et al*[13], 70% of the patients got great alleviation during 6 months of bioresonance therapy. Allergic symptoms occurred no longer in 83% of the patients, in contrast with 11% with mild symptoms after allergen re-exposure, and 4.5% without improvement. Hennecke *et al*[14] found 34.1% of the patients improve greatly by bioresonance therapy. Allergic symptoms developed no more in 50.4%, compared to 13% without amelioration. Schöni *et al*[15] also demonstrated the positive effect of bioresonance therapy for the children with neurodermatitis in two out of three endpoints. MORA bioresonance therapy has now been recognized by the Hufeland Association for General Medicine[16] and is therefore regarded as a generally recognized natural healing method in biological medicine.

Our preliminary study showed that bioresonance therapy of MORA Super+ device might help with the allergic symptoms. But it deserves more deliberate, large-scaled, double-blind controlled studies to tell the true efficacy.

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(多列 REFERENCE 是希望提供有興趣這項研究的先進, 多一些可參考的資料; [17] [18] 已標入本文中)