Probl Tuberk Bolezn Legk. 2007;(8):50-3.

## [Efficiency of a combination of haloaerosols and helium-neon laser in the multimodality treatment of patients with bronchial asthma].

[Article in Russian] Faradzheva NA.

## Abstract

A hundred and thirty-eight patients with infection-dependent bronchial asthma, including 73 with moderate persistent asthma and 65 with severe persistent one, were examined. Four modes of a combination of traditional (drug) therapy (DT) and untraditional (halotherapy (HT) and endobronchial helium-neon laser irradiation (ELI) one were used. The efficiency of the treatment performed was evaluated, by determining the time course of clinical symptoms of the disease on the basis of scores of their magnitude and the patients' condition. The findings indicated that in moderate persistent asthma, both HT and ELI in combination with DT exerted an equal therapeutic effect, which provided a good and excellent condition in 83.3% of cases. In severe persistent asthma, such a condition was achieved in 93.75% of cases only when multimodality treatment involving DT, HT, and ELI had been performed.

PMID: 17915468 [PubMed - indexed for MEDLINE]

Vopr Kurortol Fizioter Lech Fiz Kult. 2004 May-Jun;(3):35-7.

## [Halotherapy--a new treatment of bacterial vaginosis].

[Article in Russian] Maliavin AG, Filiaeva IuA, Umakhanova MM, Chervinskaia AV. Abstract

The analysis was made of clinical efficacy, some mechanisms of a therapeutic action and techniques of halotherapy used for the first time in the treatment of bacterial vaginosis. High efficacy, long-term aftereffect and advantages of halotherapy vs drug therapy are shown.

PMID: 15216790 [PubMed - indexed for MEDLINE]

Vestn Otorinolaringol. 2003;(4):42-4.

## [Halotherapy in combined non-puncture therapy of patients with acute purulent maxillary sinusitis].

[Article in Russian] Grigor'eva NV.

## Abstract

Halotherapy was applied for non-puncture treatment of 45 patients with acute purulent maxillary sinusitis. The response was evaluated by changes in clinico-immunological, cytological, x-ray and bacteriological parameters. Halotherapy was found effective in the treatment of acute purulent maxillary sinusitis without puncture.

PMID: 13677023 [PubMed - indexed for MEDLINE]

Vopr Kurortol Fizioter Lech Fiz Kult. 2001 Jan-Feb;(1):26-7.

## [Efficacy of therapeutic use of ultrasound and sinusoidal modulated currents combed with halotherapy in patient with occupational toxic-dust bronchitis].

[Article in Russian]

Roslaia NA, Likhacheva EI, Shchekoldin PI.

### Abstract

Immunological and cardiorespiratory characteristics were studied in 88 alloy industry workers with occupational toxicdust bronchitis who received the following therapy: sinusoidal modulated currents (SMC), ultrasound (US) on the chest, halotherapy (HT) (52 patients, group 1); SMC + HT (10 patients, group 2); US + HT (15 patients, group 3); HT (11 patients, group 4). The patients did also therapeutic exercise and were massaged (chest). It was found that device physiotherapy (SMC, US) in combination with HT raise the treatment efficacy to 86.5%. This combined treatment is recommended both for treatment and prevention of obstructive syndrome in toxic-dust bronchitis.

PMID: 11530404 [PubMed - indexed for MEDLINE]

Klin Med (Mosk). 2000;78(12):37-40.

## [Effects of halotherapy on free radical oxidation in patients with chronic bronchitis].

[Article in Russian] Farkhutdinov UR, Abdrakhmanova LM, Farkhutdinov RR.

## Abstract

Registration of luminol-dependent chemoluminescence of blood cells and iron-induced chemoluminescence of the serum was used to study generation of active oxygen forms and lipid peroxidation in patients with chronic bronchitis (CB). 49 patients with lingering CB showed inhibition of blood cell function and enhancement of lipid peroxidation. The addition of halotherapy to combined treatment of these patients promoted correction of the disorders and improvement of CB course.

PMID: 11210350 [PubMed - indexed for MEDLINE]

Vopr Kurortol Fizioter Lech Fiz Kult. 2000 Nov-Dec;(6):21-4.

## [Effectiveness of halotherapy of chronic bronchitis patients].

[Article in Russian]

Abdrakhmanova LM, Farkhutdinov UR, Farkhutdinov RR.

### Abstract

The chemoluminescence test in 49 patients with lingering inflammatory chronic bronchitis has revealed inhibition of generation of active oxygen forms in the whole blood, intensification of lipid peroxidation in the serum, depression of local immunity. Administration of halotherapy to the above patients results in correction of disturbances of free-radical oxidation, improves local immunity and clinical course of the disease.

PMID: 11197648 [PubMed - indexed for MEDLINE]

Vopr Kurortol Fizioter Lech Fiz Kult. 2000 Jan-Feb;(1):21-4.

## [The scientific validation and outlook for the practical use of halo-aerosol therapy].

[Article in Russian] Chervinskaia AV.

## Abstract

The paper describes a new medical technique--halo-aerosol therapy, the main acting factor of which is dry highly dispersed aerosol of sodium chloride in natural concentration. Halo-aerosol therapy represents a new trend in aerosol medicine. It includes two methods: halotherapy and halo-inhalation. Biophysical and pathophysiological foundations of the new method, how it can be realized are outlined. Clinical reasons are provided for application of halo-aerosol therapy for prevention, treatment and rehabilitation of patients with respiratory diseases. Characteristics and differences of the two halo-aerosol therapy variants are analysed.

PMID: 11094875 [PubMed - indexed for MEDLINE]

Voen Med Zh. 1999 Jun;320(6):34-7, 96.

### [Halotherapy in the combined treatment of chronic bronchitis patients].

[Article in Russian] <u>Maev EZ, Vinogradov NV</u>. Abstract

Halotherapy proved to be a highly effective method in a complex sanatorium treatment of patients with chronic bronchitis. Its use promotes more rapid liquidation of clinical manifestations of disease, improves indices of vent function of lungs, especially those values that characterize bronchial conduction (volume of forced exhalations per second, index Tiffno), increases tolerance to physical load, normalizes indices of reduced immunity and leads to increasing the effectiveness of patient treatment in sanatorium.

PMID: 10439712 [PubMed - indexed for MEDLINE]

Vopr Kurortol Fizioter Lech Fiz Kult. 1997 Jul-Aug;(4):19-21.

## [The use of an artificial microclimate chamber in the treatment of patients with chronic obstructive lung diseases].

[Article in Russian]

Chernenkov RA, Chernenkova EA, Zhukov GV.

#### Abstract

Halotherapy was used for sanatorium rehabilitation in 29 patients with chronic obstructive pulmonary diseases (chronic bronchitis and asthma). Significant positive effects of this method resulted in the improvement of the flow-volume parameters curve of lung function and in hypotensive effects on blood pressure. Halotherapy is recommended for use in patients suffering from chronic obstructive pulmonary diseases with hypertension or coronary heart disease.

PMID: 9424823 [PubMed - indexed for MEDLINE]

<u>J Aerosol Med.</u> 1995 Fall;8(3):221-32. Halotherapy for treatment of respiratory diseases.

Chervinskaya AV, Zilber NA.

#### Source

Saint-Petersburg Pavlov National Medical University, Russia.

## Abstract

This work elucidates the questions upon the development of a new drug-free method of a respiratory diseases treatment. Halotherapy (HT)--is mode of treatment in a controlled air medium which simulates a natural salt cave microclimate. The main curative factor is dry sodium chloride aerosol with particles of 2 to 5 mkm in size. Particles density (0.5-9 mg/m3) varies with the type of the disease. Other factors are comfortable temperature- humidity regime, the hypobacterial and allergen-free air environment saturated with aeroions. The effect of HT was evaluated in 124 patients (pts) with various types of respiratory diseases. The control group of 15 pts received placebo. HT course consisted of 10-20 daily procedures of 1 hour. HT resulted in improvements of clinical state in the most of patients. The positive dynamics of flow-volume loop parameters and decrease of bronchial resistance measured by bodyplethysmography were observed. The changes in control group parameters after HT were not statistically significant. The specificity of this method is the low concentration and gradual administration of dry sodium chloride aerosol. Data on healing mechanisms of a specific airdispersive environment of sodium chloride while while treatment the respiratory diseases are discussed.

PMID: 10161255 [PubMed - indexed for MEDLINE]

Ter Arkh. 1996;68(8):24-8.

# [Bronchial hyperreactivity to the inhalation of hypo- and hyperosmolar aerosols and its correction by halotherapy].

[Article in Russian] Gorbenko PP, Adamova IV, Sinitsyna TM.

## Abstract

18 bronchial asthma (BA) patients (12 with mild and 6 with moderate disease) were examined before and after halotherapy (HT) for airways reactivity using provocative tests with ultrasonic inhalations of purified water (UIPW) and hypertonic salt solution (HSS). Bronchial hyperreactivity (BHR) to UIPW and HSS before treatment occurred in 13 and 11 patients (72 and 69%, respectively). HT reduced BHR in 2/3 and 1/2 of the patients, respectively. In the rest patients BHR was unchanged or increased, being so to UIPW only in patients with atopic asthma in attenuating exacerbation. Clinical efficacy of HT and initial BHR to UIPW correlated (r = 0.56; p < 0.05). No correlation was found between HT efficacy and initial BHR to HSS.

PMID: 9019826 [PubMed - indexed for MEDLINE]

Vopr Kurortol Fizioter Lech Fiz Kult. 1995 Jan-Feb;(1):11-5.

## [The use of halotherapy for the rehabilitation of patients with acute bronchitis and a protracted and recurrent course].

[Article in Russian]

Borisenko LV, Chervinskaia AV, Stepanova NG, Luk'ian VS, Goncharova VA, Pokhodzeĭ IV, Krivitskaia VZ, Vishniakova LA, Pokhaznikova MA, Faustova ME, et al.

## Abstract

Halotherapy was used for rehabilitation in 25 patients with acute bronchitis of long-standing and recurrent types. The main therapeutic action was ensured by aerodispersed medium saturated with dry highly dispersed sodium chloride aerosol, the required mass concentration being maintained in the range of 1 to 5 mg/m3. Therapy efficacy was controlled through assessment of clinical, functional, immunological and microbiological findings. Metabolic activity values were taken into consideration as well. Positive dynamics of the function indices in the clinical picture resulted from elimination of pathogenic agents, control of slowly running inflammatory lesions and stimulation of some immune system factors. Favourable changes in metabolic activity were present: normalization of serotonin excretion, marked decrease of unbalance in lipid peroxidation-antioxidant system.

PMID: 7785211 [PubMed - indexed for MEDLINE]

Vestn Otorinolaringol. 2008;(4):74-7.

## [Haloinhalation therapy of patients with allergic and vasomotor rhinitis].

[Article in Russian] Aleksandrov AN, Chervinskaia AV, Ostrinskaia TV.

## Abstract

The results of placebo-controlled randomized trial of effectiveness of haloinhalation treatment with application of individual inhaler Haloneb in 125 patients with allergic and vasomotor rhinitis demonstrated high efficacy of the method. A positive effect was achieved in 90.4% patients with allergic and 92.1% with vasomotor rhinitis. Efficacy of the method is explained by anti-edema, anti-allergic and anti-inflammatory effects of haloinhalation therapy.

PMID: 18833128 [PubMed - indexed for MEDLINE]

Vopr Kurortol Fizioter Lech Fiz Kult. 2006 Nov-Dec;(6):19-21.

## [Aeroionotherapy in prevention of acute respiratory diseases in children].

[Article in Russian] Khan MA, Bobrovnitskiĭ IP, Chervinskaia AV, Sotnikova EN, Vakhova EL. Abstract

Our studies show pathogenetic validity of using biocontrolled aeroionotherapy in children often having acute respiratory infections. A course impact of negative aeroions corrected functional disorders in children, reduced frequency of acute respiratory infections, durations of the illness.

PMID: 17201217 [PubMed - indexed for MEDLINE]

#### Med Tr Prom Ekol. 2004;(6):22-7.

## [New approaches to dosimetry of ions in air].

[Article in Russian] Dudarev AA, Turubarov VI, Chervinskaia AV.

## Abstract

The authors considered contemporary methods of air ions dosimetry, suggested new approaches to dosimetry of ions in air, set new concepts for exposure and absorbed dose rate. The article covers experimental results and method determining absorbed dose rate under exposure to air ions.

PMID: 15318454 [PubMed - indexed for MEDLINE]

Ter Arkh. 2002;74(3):48-52.

# [Effect of halogen aerosol therapy on resistance parameters of the respiratory tract].

[Article in Russian]

Chervinskaia AV, Kvetnaia AS, Cherniaev AL, Apul'tsina ID, Amelina EL, Molodtsova VP, Faustova ME.

## Abstract

#### AIM:

Assessment of the efficacy of dry high-dispersive aerosol of sodium chloride--the main acting factor of haloaerosol therapy--on defense system of the respiratory tract.

#### MATERIAL AND METHODS:

188 patients with respiratory disease and at risk of pulmonary pathology received course of haloaerosol therapy. 49 matched patients were given placebo. The effect of the treatment was assessed by clinicoendoscopic picture, cytomorphological and bacteriological characteristics of the bronchoalveolar lavage, contamination activity of the microflora, activity of local humoral immunity in pharyngeal brush-biopsies and saliva, rheological indices of the sputum.

#### **RESULTS:**

Dry aerosol of sodium chloride demonstrated antiinflammatory activity in the respiratory tract, mucoregulating action. It enhances drainage of the bronchi, activates alveolar macrophages, improves biocenosis and local humoral immunity.

#### CONCLUSION:

Haloaerosol therapy has positive effect on the defense system, improves function of the respiratory tracts.

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PMID: 11980122 [PubMed - indexed for MEDLINE]
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Vopr Kurortol Fizioter Lech Fiz Kult. 1999 Jul-Aug;(4):8-12.

# [The therapeutic effects of a dry sodium chloride aerosol in bronchial asthma patients].

[Article in Russian] Bobrov LL, Ponomarenko GN, Sereda VP, Chervinskaia AV. PMID: 10513463 [PubMed - indexed for MEDLINE]

Vopr Kurortol Fizioter Lech Fiz Kult. 2000 Jan-Feb;(1):25-9.

## [The clinical efficacy of halo-inhalational therapy in bronchial asthma patients].

[Article in Russian] Bobrov LL, Ponomarenko GN, Sereda VP. PMID: 11094876 [PubMed - indexed for MEDLINE]

- Medical reports
- Yamamoto Institute for Rehabilitation Training institue of Semmelweis University (Complementive Medical Attendance) Budapest, 1196 Petofi u. 79. Hungary, Tel/ fax: +36 1 2813035
   E-mail: drhegyi@elender.hu
   Division leader doctor: Dr. Hegyi Gabriella MD.PhD.

## Medical Expertise of the inhaler set called the Saltpipe

The inspection of the instrument requested by: B.B. System Kereskedelmi és Szolgáltató Kft.
(B.B. System Ltd. For Commerce and Services )
1146 Budapest, Francia út 57/c. (repr.: Békefi Imre)
The date of arrival of the instrument to our institute: 01. 09. 2002.

**Description of the instrument:** A ceramic container, filled with a mixture of special salt crystals and minerals

**Application of the instrument:** Setting it in the way of the inhaled air it helps the easier penetrability of the upper respiratory tructs with a special inhaling opportunity

### The basics of the functioning of the instrument:

## Inhalation is a special method for the local treatment of respiratory illnesses. The advantages of the inhalational method are:

- Local effect
- Higher salt concentration in the upper tructs
- Fast results
- The systematic effect is lower than in case of medication implied orally or injected
- The instrument employs only fully natural resources

### The obtainable physiological effects are:

#### - Mucolysis

- Secretolysis
- Eventually: bronchospasmolysis
- In case of special material (minerals) antiphlogisticus effect

### Indications of the application:

For the cronic illnesses of respiratory tructs (asthma, bronchiale), and for different forms of allergic rhinitis

In case of long term application of the set the vital capacity intensifies and subjectively, it provides an improved general state of health

## In our institute we tested the instrument on the following group of illnesses:

cronic upper respiratory catarrhs

- cronic respiratory illnesses (asthma, bronchiale) in acute and severe phase

### **Our Experiences:**

For the proper way of application the user must be trained and the process must be controlled, monitored later on. With the remission of the patien's condition an individual dose must be defined with other expression: the duration of application must be determined.

The hypocamnia, caused by the forced - too hard - inhalation must be avoided so the aquirement of the proper technique is essential.

In order to avoid contamination, and in order to keep the instrument clean, only one patient should use one set. During the application of the instrument we did not change the dosage of the patients.

The voluntarily involved patients we randomly divided into the "treatment" and the "control" groups. The "treatment" patients used the instument several times a day for a determined period of time. Weekly and after two months we examined the patients - with attention to iron-, and vitalcapacity.

Observations: The application of the Saltpipe is effective even in case of cronic upper respiratory illnesses, but in these cases there was a need for medicinary supplementation also.

In case of the cronic illnesses, the patients reported about a subjectively easier breathing and inspirational experiences, which was officially confirmed by objective vitalcapacity measurements.

Based on the above mentioned statements, the outcome of the adjuvant application of the instrument has proven to be EFFECTIVE in many of the cases. During the test period no side effects have been observed.

### Accordingly:

I suggest the application of the "Saltpipe" instrument as a complementive, supportive method with the following completion:

It must be distributed with a suitably informative and ethic description for users, which does not deceive the user and does not make him or her abandon the previously used traditional medicaments and treatment.

Budapest, 08. 10. 2002.



### Dr. Hegyi Gabriella MD.PhD. Division leader specialist



Duna Television: Our guest is dr. Matild Kovács, division leader specialist of the Csepel Hospital:

Matild Kovács: Good morning! Greetings to everyone!

**Show Host:** Are you already using this Saltpipe in the Hospital? Do you offer this to your patients?

**Matild Kovács:** We use the Saltpipe during the abulant medical attendance of our patients. We offer it to them with quite good results, since it is like a mobile salt cavern therapy. The salt crystal-filled instrument helps to dissolve the sediments (crusts) and secretions that stucks onto the respiratory tructs and also helps in the depletion.

**Show Host:** Is it fully able to substitute cavern therapy?

**Matild Kovács:** No, not completely, only that part of the cave, or cavern therapy where salt crystals are adopted (utilized). Since the micro climate of the caves is inevitable concerning cave therapy, which - obviously - cannot be created at home, under domestic circumstances.

Show Host: What kind of minerals does this pipe contain?

**Matild Kovács:** Saltpipe contains mainly calcium-salts, besides, on the level of micro elements we can also find the natrium, the chlorine and the potassium. In small quantity also the bromine and the iodine.

Show Host: Is this an expensive instrument?

**Matild Kovács:** Considering its long term usability, further more, the positive effects, the current commercial price is acceptable.

Show Host: How often do we need to change/replace it?

Matild Kovács: The inventors filled it with a quantity which is sufficient for 5 years.

Show Host: Who are the ones who can use it, and for who wouldn't you suggest it?

**Matild Kovács:** As a matter of fact, it can be used by everyone. Even small children, starting at the age when they can be trained what is the proper way of breathing through this salt crystal-filled pipe. We can suggest it to people suffering from cronic respiratory diseases, allergies and also for smokers - with very good results. Practically for everyone who suffers from irritated respiratory alteration.

Show Host: On what levels of sickness can we use it?

**Matild Kovács:** In the preventive period, in case of cronical diseases, to prevent the acute stage or avoid protraction. Of course it is not a substitute for a medicine. It is not a medicament, but it plays an important role in the preventive therapy.

Show Host: How often is the use of the pipe needed?

Matild Kovács: In order to reach the beneficial results, it is necessary to use it daily.

Show Host: Is the pipe known abroad?

**Matild Kovács:** Well, many foreign countries show interest towards the Saltpipe, since the incidence rate of the the allergic upper-, and lower respiratory illnesses is getting higher and higher. Because of this, every product that offers results on the field of restoring good condition, and at the same time improves the comfort-feeling without any side effects, clearly creates interest everywhere.

**Show Host:** Well, thank you for coming, and allow me one more question: those people whose interest aroused towards the Saltpipe are probably interested: can they already purchase this product?

**Matild Kovács:** Yes, of course, it is already on the market. Thank you for the interview!

Prof. Dr. Szilveszter Török President of the Association of Hungarian Natural-Healing Practitioners and Life Re-Formers

#### **Opinion about the Saltpipe:**

I find the therapy - carried out by the Saltpipe - the most natural, physiological and the most effective of all. Very important - the simple fact - it is, that the air, inhaled through the

saltpipe, creates much better conditions for the respiratory tructs and for the lung than the in-room or the outside air.

We can observe that the mood and comfort feeling of the people who use the saltpipe improved in a short term; their optimism and belief in their recovery appears. These positive feelings - in case of both the adults and children - report about the activisation of those limbical-reticular centers inside the body, which are responsible for the intesifying of our adaptational skills.

This positive background is a very important factor of the Saltpipe's healing effect. The wonderful therapic effects of salt caverns are well known to everybody. Intensifying these effects the two smartly designed appliances: the Saltpipe and the Salty-phant (developped especially for children) donate us directly.

Dr. Ferenc Pátz Pulmonologist

#### Groups of patients:

6 Asthma bronchiale2 Sinusitis maxillaris2 Laryngitis subglottica

Boys: 7 Girls: 3

#### Age:

The youngest child: 3 years old The eldest: 16 years old Average: 9 years

**Duration:** 

Average: 6 weeks The longest: 2 months period The shortest: 4 weeks period

#### **Experiences:**

The product is catching the attention of both the children and the parents with its nice looks, especially with the latest elephant design, which does not give the impresson of a medicament.

The description should be attached in the form of a little brochure, the method of application should be described in a more detailed, pointed, highlighted way /introduction, "what to do-s", and the importance of the daily, regular usage/.

Because of the relatively short testing period, we could draw only a few conclusions.

We received indisputably positive feedbacks from both of the patients suffering from recitive sinusitis. As a result of the application of the set, in the first 2-3 weeks the nasal discharge intensified, later the intensity of the mornig and evening coughings decreased.

In case of one of our two patients suffering from the illness of pseudo-croup, we did not experience any significant changes, the "barking-like" coughing did not emerge less frequently, its progress was similar to the previous way. There wasn't much of a chance for the good outcome anyway, because of the conditions created by the possibility of virus infection. In the other case, the patient did not have coughing seizures in the testing period, but it might be a coincidence, because of the short period (again) we cannot give a "clearcut", certain explanation.

In case of our asthmatic patients (who were represented in a greater number) we would have also needed longer time for drawing more reliable conclusions. Since at wintertime the chance of infection is greater and the existance of allergens is not significant, these circumstances also influenced the effects of the instument.

In two cases, the parents experienced that the relief from the asthmatic seizures come sooner and the torturing coughing ended faster.

In two cases the frequency of seizures decreased and it the last two cases we did not observe any significant changes.

### Dr. Erzsébet Csikai Doctor, natural-healing practitioner

This product became so popular that it already has a nickname: Salty-phant. It is a great idea of the inventors: needs only a small storage place, easily cleanable and very effective. I've heard about it for the first time on a late radio show and right then I had the opportunity for a trial. I immediately experienced its beneficial effects. Breathing became so easy, I felt that more, & cleaner air reached my lung, despite the fact that I am completely healthy.

I was wondering if it aroused such a good feeling in my case how beneficial it could be for those prople who are suffering from respiratory illnesses.

Since then many people can enjoy this simple way of help which can be always held at hand. Its popularity is well proven by the fact, that its price significantly decreased in a relatively short period. This factor brings it closer and gives the opportunity for more and more people to experience it.

Also happily heard that a nice elephant-shaped instrument was developped especially for the use of children. This way the small ones also use it gladly.

I wish Saltpipe to become a remedy in several people's life!

## Notices about the experiences in connection with the Saltpipe used in the case of 10 patients:

10 patients were using the Saltpipe in the period starting in October 2002, finishing in February 2003, for 2-3 months of duration.

These patients were suffering from respiratory illnesses; 3 of them suffered from cronic bronchitis, 7 of them from asthma bronchiales: 2 of this 7 people had severe bronchitis. 4 patients out of the 10 were females and 6 of them were males.

2 patient between the age of 50 & 55, 3 between the age 55 & 60, 2 of them were between 60 & 65, and only one of the patients was above 70.

Out of these 10 patients 6 suffers from heart diseases, which aggrevated the applicability of antispasmiodic sprays - for the bronchial tubes - because of the side effects which exert the functioning of the heart.

I was trying to choose patients whose illness was severe (cronic bronchitis, and/or ashtma bronchiale).

The experiences of the patients show that the Saltpipe helps to dissolve sediments, helps in the process of discharge and doing so, easens their breathing.

As a doctor, I found the Saltpipe a very effective complementary tool in the therapy of patients with respiratory illnesses.

We can almost equalize the effects of the mineral-filled air inhaled through the Saltpipe with the effects of the salt caverns (apart from the fact that the temperature of air inhaled through the Saltpipe is identical with body temperature), further more, it is more moderate from a financial point of view than the expenses of salt cavern therapies. As a summery I would like to conclude the followings:

The secretion-discharge is easier and so, the breathing of the patient becomes more relieved. I also observed that the speed of the air-stream in the small bronchial tubes accelerated which results in an easier breathing.

I find the application fo the Saltpipe indisputably beneficial.

I owe you my gratitude - also in the name of my patients - for the Saltpipe.

### László Béky Non-medical, Natural healing practitioner

I was one of the first lucky ones "meeting" this very smart "tiny mobile salt cavern". Both the idea & the way of construction is first class-world standard.

Both my own and my patients' experiences - allergic, asthmatic, emphysematous, and patients suffering from bronchitis or other respiratory illnesses - proved its absolute effectiveness: I strongly suggest the application of the SatIpipe on a regular daily basis in every case - without exceptions - where we want to solve successfully and permanently the general immunological, acid-base balance harmonising, the basic oxigen supplying tasks concerning the process of metabolism - without any side effects.

#### László Béky

Non-medical, Natural healing practitioner & specialist Aura Natural Healing & Training Center