

MESSAGE FROM EDITOR- IN-CHIEF



Welcome, everybody who understands how great the request for professionals in fundamental knowledge is.

The doors of International University of Fundamental Studies are always opened for everyone capable of making understandable decisions, giving prominence for truth, universal education, and latest learning purposes in a very broad sense are cordially invited to publish your science articles in our Journal "The World Scientists".

The Intergovernmental Higher Academic Council (IHAC), being a creation of our university which is unique in its nature and process, based on the needs of time, publishes the journal, "The World Scientists" for material and spiritual development of mankind and targeting for new philosophical and methodological basis for implementing a multi level and multi-disciplinary educational process in research and education.

In the journal the works of various scientists of the world as unique creative individuals, that give special novelty and originality to their various works, will be represented.

The basic sections of the Journal are:

1. Publication of scientific articles and reports;

2. Information about scientific discoveries and scientific inventions made by scientists in various countries around the world

3. Chronicle of a variety of research activities in various countries of the world.

4. Research and biographical sketches about famous world scientists.

For everyone in the world, who wants to acquire new knowledge and skills in accordance with the new method of education, there is an International University of Fundamental Studies and IHAC. The World Scientists Journal is the journal for scientists, where they can dedicate their modern creations and research works to the people.

We, on behalf of the Rector and the Academic Council, wish everybody, who expects necessary education for a successful and prosperous life and activity in the XXI century.

With hope for cooperation to publish your articles and wishing you a great success!

Editor-in-Chief /Rector IUFS
President IHAC

Prof. Shanti Jayasekara
(Mahatma Shanti), PhD,
Grand PhD

The World Scientists

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VITAMIDIN-M-UNUSUAL DOSAGE FORM OF BEE HONEY



Prof. Galtseov Yuri, PhD, Grand PhD, D.Sc.

Honey is known to be a wonderful gift of nature. It is born by the sun, flowers and bees. By transforming flower nectar, bees bring biological activity to honey. The curative power of honey was discovered long time ago and it was recommended for treatment against all the diseases. Centuries-old experience of the use of honey showed the main fields of its therapeutic and preventive effect in traditional medicine. Honey has restorative, tonic, calming and hypnotic effect. It was successfully used for healing wounds, burns, respiratory and cardiovascular diseases, diseases of liver, biliary tracts, joints and gastrointestinal tract.

People are treated by honey even nowadays. The curative power of honey is now under profound research and the accumulated data, without any exaggeration, allows to add honey to the row of the most effective traditional ways of treatment.

Until now honey didn't belong to the officially approved remedies, according to Pharmacological Committee. It can be put down to its biological diversity, instability of chemical composition and possible penetration of some hazardous for human organism substances into honey. Because of the evident environmental degradation, today one can hardly find pure natural honey with its unique components. As a result of a high level of environmental pollution caused by harmful emissions released to the atmosphere from industrial plants and an uncontrolled use of chemicals in agriculture, a lot of toxic elements get into honey made by bees. It considerably reduces its quality, and sometimes even threatens human health.

With the help of scientists from Saint Petersburg it has become possible to develop a technology, which allows to

extract only the most biologically active components from honey. The technology of receipt of this unique biocomplex includes strict control of flower honey obtained from environmentally friendly bee-gardens. The control is conducted not only according to GOST, but also the absence of salts of heavy metals and radionuclides is checked. Honey purification is conducted by the original and patented in Russia way with the use of slow recrystallization with the following incubation, filtering, and sterilization.

For the first time in world practice a pharmacological product «BITAMEDIN-M» has been developed. This is light yellow liquid with a typical smell of honey.

The formula contains only natural components of honey, no preservatives and synthetic additives. First of all, it is easily acquired by organism monosaccharides – glucose and sucrose in biologically active form. The remedy contains biologically active acids: ant, malic, citric, acetic, gluconic, glucuronic and the other vitamins and micro-and-macro-elements, which natural honey consists of. The technology allows to make the remedy free of impurities causing allergic reactions. First of all, it is proteins, ambrosia and polysaccharides. That's why the testing of the remedy showed the virtual absence of allergens.

Clinical trials of VITAMEDIN-M were carried out in the number of leading research institutes and medical centers in Saint Petersburg by qualified professionals according to all the necessary requirements to safety assessment of pharmacological remedies. The testing didn't reveal any toxic impact of the remedy on organism and didn't find any side effects. This fact reveals that this remedy is almost totally safe.

The dosage form of VITAMEDIN-M is developed for intranasal introduction (nasal drops). In this method all the curative effects of honey fully remain, while in oral method under the influence of acid and enzymes of gastric juices they get lost.

The results of testing of VITAMEDIN-M clearly indicate that the remedy has comprehensive therapeutic and preventive effect. It turned out to be that the remedy has antiviral, hepatoprotective, restorative, lipid-lowering and antioxidant effect. In other words, VITAMEDIN-M increases body's resistance to unfavorable factors of environment, including infectious agents. Such a spectrum of therapeutic effect confidently allows to relate this remedy to adaptogens of natural origin, such as FIBS, aloe, ginseng, elutherococcus, pantocrine. Perhaps, for the first time we managed to develop the remedy with such unusual combination of curative properties.

Of course, VITAMEDITIN-M is not panacea. Such a broad spectrum of therapeutic and preventive effect may seem incredible, but not in vain honey, which has been used for many centuries, is called the elixir of life. The harmlessness of the remedy and virtual absence of contraindications and side effects allow to recommend it both sick and healthy person. Only individual intolerance to the remedy, which may happen, is the cause of rejecting it. 10-15 days of preventive BITAMEDIN-M treatment during spring and autumn gives an opportunity to prepare an organism to fight the infection causing cold-related diseases (flu, ARI, ect.), and to pass it through if you are ill. It is also possible to combine it with any other remedies prescribed by a physician.

The inclusion of VITAMEDIN-M into comprehensive therapy of infectious diseases of different etiologies leads to the raising effectiveness of the treatment because of the reduced duration of disease, gravity of its clinical symptoms, and it also helps to avoid complications. Besides, the use of VITAMEDIN-M significantly reduces side-effects of chemical preparations (antibiotics, sulfanilamides, etc.) on liver. This has been confirmed with data of VITAMEDIN-M's clinical trial, particularly when it is used for comprehensive treatment of tuberculosis and the remedy's effectiveness increased by 1, 5%.

The experience of the use of VITAMEDIN-M in ophthalmological practice revealed that the remedy is effective for the treatment of herpetic simplex keratitis, corneal dystrophy, and postsurgical keratopathy. The inclusion of VITAMEDIN-M into comprehensive therapy has clear therapeutic effect, which results in the acceleration of regenerative processes in cornea, circularization, dropsy decrease, reduction of pain syndrome.

Strong anti-herpes effect of VITAMEDIN-M is confirmed experimentally and clinically. We have collected enough clinical material about the successful use of VITAMEDIN-M and crèmes developed on its base (VITELLA, FLEUR ANZIM VITAMEDINonvy) in comprehensive therapy of skin damage and blennosis in case of sexually transmitted diseases (herpes viruses, chlamydial, etc.). Highly qualified specialists of the department of contagious diseases with the courses of laboratory AIDS diagnostics from St. Petersburg Medical Academy of Post-Graduate Education developed effective scheme of treatment of immunodeficient conditions with the application of the comprehensive therapy VITAMEDIN-M and medical cosmetic crème based on it.

The ability of VITAMEDIN-M to recover the function of liver, reduce lipid content in blood and liver gives an opportunity to recommend this remedy in case of hepatitis and atherosclerosis.

In this way, the use of VITAMEDIN-M opens new perspectives of the usage of honey in its original biologically active drug form not only in folk medicine, but in traditional medicine.

The clinical trials of the perspective remedy are now successfully completed and VITAMEDIN-M is permitted by Pharmacological Committee of Ministry of Health of the Russian Federation to use in medical practice. The way of its development is protected by patent of the Russian Federation. Medical cosmetic products have necessary certificates of quality.

PRESS - RELEASE

of the Sixth World Scientific Congress (6th WSC),

On 10th, 11th & 12th November 2014, St. Petersburg, Russia

IUFS and Intergovernmental Higher Academic Council (IHAC) of IUFS carry out another 6th World Scientific Congress.

The theme of the Congress: «The traditional and the new in modern science». The main problem of the Sixth World Scientific Congress is especially topical nowadays, when in both theoretical and practical understanding, which can be considered as something traditional and new, the unilaterally-limited and irrelevant to the reality interpretation of «the traditional» and «the new» takes place.

Quite often «the traditional» is considered to be conservative and stagnant, «the new»- groundless and experimental.

The Sixth World Scientific Congress hopes to bring clarity into the comprehension and explanation of «the traditional» and «the new» as organically cooperating phenomena and concepts, to make truly effective and really beneficial for human beings their understanding and true use in various human life.

The Organizing Committee of the 6TH WSC,

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3D HEALTH CARE (SOUL, MIND, BODY): RAJYOGA MEDITATION FOR HEALTHY HEART



Prof. Santhosh B.K., PhD

“There is a deep connection between my inner world of thoughts, feelings, vision and attitude with my outer physical world, starting with my body. Our thoughts and feeling affect our lifestyles. Our lifestyles affect our performance and our health. Understanding this connection will help us to conquer stress and guide us back to an overall state of health at all levels, i.e. spiritual, mental, emotional and physical.

These words by Dadi Janki, a 97 years old (or better to say, 97 years young) chief of the Brahma Kumaris World Spiritual Organization, reflect the basic principles and approaches that the Brahma Kumaris team of “3D Health Care” project have been using for a number of years in the field of prevention and treatment of coronary artery disease.

Coronary artery disease (CAD) is a major cause of premature mortality and disability in both developing and developed nations. CAD is now widely recognized as a lifestyle disease; hence its management should be lifestyle modification. The lifestyle intervention studies in small number of CAD patients have shown that dietary modifications, physical exercise and stress relaxation techniques can curtail progression of coronary blockages and decrease the frequency of angina and heart attacks. Recent investigations have provided convincing evidence that the present prevalent outer self (body, role, material) conscious approach can lead to activation of psychosocial factors like depression, anxiety, anger, hostility, isolation and chronic life stress. These factors can contribute significantly towards development and promotion of CAD by encouraging adoption of unhealthy lifestyle behaviours like smoking, cholesterol-rich diet and sedentary habits.

The objective of the “3D Health Care” study held by the Global Hospital and Research Centre affiliated to the Brahma Kumaris World Spiritual University has been to develop a user friendly healthy lifestyle program and to determine its efficacy in regression of established CAD. The unique feature of this program is that it focuses on self-responsibility and self-empowerment as the basis for regression of coronary atherosclerosis and reduction in coronary events through intensive information, education and counseling provided to patients of CAD.

123 angiographically documented CAD patients were chosen to participate in this study at the Global, Mount Abu, India. The inclusion criteria were: angiographically documented stable CAD with more than 50% stenosis in at least one major artery, coronary angiography having been performed within the last 6 months to one year.

Four principles, intrinsic to Rajyoga, which underlie the program ethos are:

1. Self-responsibility through self-empowerment. The word ‘healthy’ is derived from two words: ‘heal’ + ‘thy’ i.e., to heal yourself. To heal oneself, one needs to be empowered by appropriate and proper information about heart, mind-body connection, psychological and conventional risk factors, stress-management, diet, exercise, sleep, substance abuse and usual medical care.
2. Self-awareness. The Hindi word for healthy is ‘swasth’, which consists of swa-, meaning ‘inner self’, and -sth, meaning ‘conscious’, so the word ‘healthy’ could also mean ‘inner self-conscious’. Outer self-consciousness (of body, role or material things, which are ever-changing and mortal) leads to instability and insecurity, which in turn leads to anger, anxiety, depression, type A behaviour, isolation and chronic life stresses. Conversely, inner self-consciousness (of spirit, which is enduring and immortal) leads to stability and security, which in turn leads to peace, love and happiness. So, by abstraction, a healthy lifestyle means an ‘inner self-conscious lifestyle’.
3. Multi-dimensionality. The current medical approach addresses only one dimension, the physical body, which might explain why despite medical advancements the epidemic of CAD has not been curbed. A human being is not one-dimensional. Therefore, a new model of health, ‘Soul-Mind-Body Medicine’ (three dimensional healthcare) is called for. As per this new model, health is a dynamic process of harmony in flow of spiritual energy (knowledge of truth, purity, peace, love, happiness, bliss and power), mental energy (Positive T.E.A.M.: thoughts, emotions, attitudes and memories) and physical energy (healthy diet, exercise, sleep and medication).

4. Biological clock. When activities are in rhythm with one's biological clock, they reduce energy expense and stress, and prove beneficial for the health of mind, intellect and body. All four principles should be sustained as far as possible in daily living.

The three major components of "3D Healthcare: Healthy Lifestyle" program were:

1. Stress-management through Rajyoga meditation. Stress is defined as mental state in which the internal and external pressures exceed the inner strength (coping mechanism) leading to sympathetic over activity and release of stress hormones which in turn leads to vicious cycle of mental dis-ease and physical disease. Inner strength can be increased by Rajyoga. Rajyoga word has been derived from "Raja" meaning "king" and "yoga" meaning "union" between Soul (spiritual energy) and Supreme Soul (ocean of spiritual energy). Rajyoga meditation harmonizes spiritual, mental and physical energy, thereby increasing inner strength to lead a stress-free and healthy life. It enhances individual's power of determination to manage and practice positive thoughts, emotions, attitudes, memories and adhere to healthy diet, exercise, sleep, medication and cessation of smoking. Expert Rajyoga teachers from the Brahma Kumaris taught Rajyoga meditation to the participants of the study in three different stages. During Stage-I (Inner self empowerment), patients were provided knowledge about Soul and Supreme Soul and trained to forge a link with the Supreme Soul to draw spiritual energy. In Stage-II of opening and healing the mind, patients were made to understand the role of non-physical factors like depression, anger, cynicism, hostility, ego, jealousy, hurry, worry, anxiety, fear, isolation, lack of social and emotional support, job and family stress etc, in the development of CAD; as these negative traits are acquired from the environment and are not part of the original inner self. They were trained to inculcate the positive mental energy thereby enhancing will-power to adhere to healthy and happy lifestyle program. In stage-III of opening the coronary blockages by Rajyoga meditation, they were asked to focus the inner, radiant spiritual energy on various organs of the body including the stenosed arteries for regression of the disease. Meditation commentary was provided to guide the mind in a positive direction. They were encouraged to maintain an inner self (soul) conscious mental state even while engaged in day-to-day work activities.

2. Low fat, high fiber vegetarian diet. The essential components of diet program were: what? (low fat, high fiber vegetarian), when? (as per biological clock) and how? (proper chewing in inner self conscious state). Beneficial effects of the prescribed diet were explained both to the patients as well as their spouses by audio-visual means and practical demonstration sessions by the experts. The

spouses were given the recipes of the diet used and also taught the cooking methods. Smaller and more frequent meals were provided. Diet was served in silence with light music played to enhance the quality of environmental ambiance.

3. Moderate aerobic exercise. Patients were individually prescribed brisk walk for 30-45 min in the morning after the sunrise and 30 min of stroll during the evening before the sunset according to their baseline exercise tolerance. The exercise routine included warming-up period of 5 min, walking for 20-35 min, and cooling down period of 5 min. They were advised to walk in silence (inner self conscious state) and avoid walk after the meals or during extreme cold or hot climatic conditions.

Follow-up:

After the first 7 days in Mount Abu (the Brahma Kumaris headquarters in India), patients participated in daily support sessions, of 30-45 minutes, at their local Brahma Kumaris Rajyoga centers. To ensure proper adherence, weekly group support sessions facilitated by Regional co-ordinators and Rajyoga teachers addressed their day-to-day challenges. Every month the CAD project team visited three tertiary medical centers in Ahmedabad, Delhi and Mumbai for follow-up, assessment of clinical status and program adherence. Those inaccessible were sent questionnaires with self-addressed, stamped envelopes. At 6-monthly intervals, patients and their spouses were invited for follow-up and reassessment. The study parameters were repeated at 6,12,18 and 24-month intervals, and patients were advised to have repeat angiography after two years of follow-up. These patients were monitored for cardiac events until 30 June, 2006.

Brief results:

1. Highly significant improvements in symptoms like angina, breathlessness, palpitations etc.
2. Healthy improvement in psychological parameters.
3. Highly significant reduction in drugs required for management of angina, hypertension and diabetes.
4. Highly significant opening of coronary blockages.

The results of the study were acknowledged by Mr. Abdul Kalam, ex-president of India. In his inaugural address at the World Congress on Clinical Preventive Cardiology hosted by the Brahma Kumaris in September 2006, he said, "The outcome appears to be quite rewarding. A visibly marked improvement in cardiac health of these patients could be seen within seven days of the commencement of the intervention. Their requirement of drugs prescribed by their cardiologists decreased markedly. The symptoms of chest pain and uneasiness reduced. Their capacity to exercise improved dramatically. I understand that after six months of intervention some of the patients were even able to take to swimming. The so-called bad cholesterol, stress hormones profile improved noticeably.

The psychological or mental health showed considerable improvement... Thus this experiment clearly gives us ample evidence to confirm our hypothesis about the efficacy of lifestyle intervention in promoting sustainable healthy hearts. However, I would suggest that the specialists gathered at this Congress should extend this experiment to their establishments in their countries so that what benefit a limited number of people have got today can be shared by the entire universe. This will definitely lead to savings in billions of dollars of expenditure as a large number

of diseases are now well recognized to be due to faulty lifestyles.”

Brahma Kumaris World Spiritual University is an international spiritual organization offering a wide range of educational programs through its more than 8500 centers in 130 countries. A practical method of meditation taught here helps individuals understand their inner strengths and values. Rajyoga meditation helps people to look inside to rediscover and reconnect with their original spiritual essence.

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AGE-RELATED AND PEDAGOGICAL PSYCHOLOGY



Dr. Morozova G, PhD

Relationships issue is one of the most global psychological problems, because the process of forming a personality sufficiently depends on the actual system of relationships with others he or she is included in. Our research the problem of development person's attitude towards another person is studied in the context of broader problem of forming person's subject activity. A person can act as a subject of activity, when human acts consciously, makes a choice in alternate situations, plans his activities. A person also can act as a subject of relationship, when human defines his attitude towards his surroundings. Personal subject activity can be directed to promoting outer world changes, in the same way, to promoting changes in the inner self. The issue of how child's relationships towards other people (parents, friends, significant adults (including teachers)) develop within the scope of forming one's subject activity is not studied enough, experts prefer to study specifics and efficiency of outer influence on the child and pay less attention to the child's personality. Our work focuses on junior schoolchildren relationship towards teacher dynamics as an indicator of one's subjectivity development.

Psychological research shows that links among subjects are very complicated. Subject relationships can function in different aspects. It is possible to differentiate subject-subject relationships into two aspects: evaluative and emotional. Evaluative aspect of subject attitude towards another one is based on specific view of one's personal qualities and personality as a whole. While forming evaluative relationship towards another person, one like admits possibility and right of another person to be independent subject, possessing certain psychological and physical peculiarities, and evaluates that person,

when that evaluation reflects this or that degree of one's admittance. Emotional aspect of relationship "lies" deeper than evaluative, but exists simultaneously with that, and, moreover, is based on that. It includes the degree of other personality admittance, and also intimate-personal level of relationship, which acts as a unique expression of trusting relationship, prerequisite of readiness or unwillingness to make a "step" forward towards another subject, open him one's inner soul, let other become participator of one's personal life. We suppose that two described aspects of subject-subject relationships and their components not only exist simultaneously but can also be characterized by different types of ratios.

The research is focused on a pupil as an independent subject of relationship towards teacher as a socially significant person. The research is aiming at studying junior schoolchildren relationships peculiarities dynamics, opening of structural-dynamic aspects of child attitude teacher during one's junior school age. The subject of research is junior schoolchild as a subject of association, possessing own view on partner of association, certain emotional and social expectations linked to the process of association. For the first time systematic experimental research of structural-dynamic aspects of child attitude towards teacher during junior school age is realized.

It is revealed that attitude of junior school child towards teacher is a complicated psychological phenomenon, with its structure being divided into evaluative and emotional components; and each of them is characterized by certain indicators and undergoes strongly pronounced dynamics during junior school age. The evaluative component reflects the specifics of junior schoolchildren view on the teacher, his or her personal and professional qualities. The emotional component represents the degree of child admittance of the teacher, intimate-personal attitude towards him or her. Junior schoolchildren admittance of a teacher functions mostly in positive modality and increases by the upper border of age, at the same time, intimate-personal aspect of attitude is realized most often in negative modality and is characterized by increasing negative trends. The phenomenon of pupil "distancing" from the teacher at the intimate-personal level is determined as by teacher's social position, potentially including a possibility of authoritarian effect on the child, as well as reducing interaction of children in junior school age. The novelty of the research is also connected to opening of junior schoolchildren structurally peculiar view on teacher's role position, to defining the most valuable personal qualities of a teacher as factors determining the dynamics of their attitude towards teacher, to them.

The data received expand the view on child formation as a subject of association, let study one's attitude towards another person (towards the teacher in our case) as a complicated establishment, functioning in different forms, which are determined by specifics of child's view on other person, his or her inclinations and personal qualities value differentiation. The data of the research can be used in solving such problems of pedagogical and age-related psychology as self-realization development and subjectivity establishment while determining the factors optimizing child's association. Methodical recommendations for teachers on studying junior schoolchild relationships are worked out, they are used in practice by Ulyanovsk State Pedagogical University and Ulyanovsk Teacher Development Institute .

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Photo: Principality of Seborga

SPIRITUAL HUMAN ECOLOGY



Rev. Vladika Ioan (Abramenko), PhD, Grand PhD, Professor

Lately modern human civilization has started to think and talk about nature ecology and our environmental habitat. Practically at all stages of his evolution, man has been connected with his environment, actively impacting it. This is why nowadays a place on Earth, that hasn't been touched by destructive human activity leading to violation of Earth' global ecosystem balance, is very hard to find. Nowadays we clearly see that our planet is in danger. Spiritual imperfection pushes people to raise of consumption and endless chase for profit. As a result there arrive many dirty cities, tons of pollutions produced by manufacturing companies and plants, dirty water, thin ozon layer, exhaustion of natural resources. Climate of our planet changes towards global heating and world ocean raise risk.

Many plants and animals have either already disappeared or are on the board of disappearing, human health problems sharpen. Human health is very much affected by heating pollution, noise, vibrations, radiation and especially electromagnetic waves the level of which in cities is from 30 to 70 times higher than natural. All of that together negatively impacts brain cell activity. Human heart and blood system, immune system, nerve system, endocrine and sexual systems get the strongest negative impact from medicine that is used during decrease treatment, especially highly toxic medicine that has multiple contraindications. As a result many young people die from cancer, heart attack, strokes and other terrible and sometimes incurable deceases.

It is only the beginning of impact to future generations and their destiny. Nowadays we sadly see how evolution of civilization ruins basis of human live along with basis of animal and plant life of out Planet. Human ego is the reason of all his troubles. Modern human must understand,

that negative impact to the Planet is closely connected with his own sorrow, ecological problems and even puts at risk his own existence.

Having understood that, modern human civilization starts some kind of activity in order to change it. It forms new culture of thinking and new understanding of the world based on harmony and relationship. Humanity having come close to the line of survival and seeing all the ecological terror, has started to think about destiny of our Planet, a small place in Universe, that became home for all of us. We want our planet to have rich soil, clean air and water, green forests, with variety of flora and animals. And most of all we want our Planet to have human as responsible and careful keeper, caring and loving owner of all the treasures. Radical world-wide changes that stop increasing nature disasters must take place in order to achieve that.

Ecology (from Greek «οἶκος» - home, «logos» - study) studies interaction between human, animals and flora, our planet Earth' atmosphere changes. Planet Earth and near space is our home and it suffers from human activity. In the XXI century area of interest of ecology went far beyond its initial biological discipline. While studying environmental pollutions scientists realized that it is only a small part of ecological problem.

This is why ecology gave many new research directions and terms: global ecology, human ecology, social ecology, engineering ecology, culture ecology, religion ecology, ecology of mind, spiritual ecology etc.

Amongst all of these ecology scientific directions the most pressed is ecology of state of human personality, i.e. spiritual ecology as one of Earth' ecology parts. Our planet is not only our place of living, it is also a place of our spiritual evolution. It is intended for understanding of divine appearance of contemporary civilization, it is our temporary home, where all the souls pass their short – in terms of Universe – way of spiritual ascension leading us to the Lord.

It is sometimes too difficult for modern people to understand and realize the deep meaning of «spiritual ecology». Some people are frightened even by the term «spirit». Sometimes they try to connect it with religious fanaticism, psychological deceases and «being not in this world». For modern human spiritual ecology is about realization of one's place in this world, thinking and consideration of necessity and goals of one's life in material world, one's definition as a spiritual personality and one's union with the whole world. Only such approach could bring such a human a real deep understanding of major responsibility for not only his words and actions, but also

– and mostly - for his thoughts. And it is the right way for humanity. Deep understanding of this way would form a certain mindset focusing on gentle and responsible attitude to our environment, our friendly relationship with other peoples on both interpersonal and inter-country level. It would for sure lead people to spiritual search, to the thoughts about the reasons for living, unquestionable love to each of Divine creations including people, plants, animals, and as overall result – to significant improvement of spiritual climate of our civilization.

Once being in a distance orthodox monastery I was happy to talk to monastic elder, monc-megaloschema great ascetic. We talked about our Planet as a result of Divine creation. He was slowly telling me about perfectness of our Earth, about it's inhabitants, about season change, day and night, temperature and water balance maintenance, gas structure of our atmosphere, and overall perfection of this creation existing for billions of years. All of it was created long ago, before appearance of human who has been here for a very short – in terms of universe- period of a few millions of years. Earlier human who came to Earth was weak like a child and couldn't damage our Planet significantly and on the contrary required protection.

But modern developed humanity on current industrial times became strong and powerful along with losing its spiritual sources, and in such a state it can serious and unrecoverable damage to the ecology of the whole Planet. Earlier the impact was insignificant, and nature could recover itself, whereas every year raises intensity and capacity of that impact.

Along all humanity history different conflicts and wars based on political, religion, race, territory and interpersonal relationship reasons took place. These types of conflicts and crimes of governments against people and of people against other people have violated all moral, ethical, spiritual and as a result – Divine rules.

The monc said that God is watching all human activity with deep sorrow and is waiting for us to understand our mistakes. Then he said that He who created Earth is so powerful that He could destroy the whole humanity that has separated from His rules in one move if He got angry with us. And then the monc smiled and asked my opinion on why He does not do that.

No one had ever asked me such amazing questions before. After some time he gave the answer himself and said: «God loves us, with all our sins, very much, grieves and is waiting for a very long time for us to change and become His children, following His Commandments». And it is really so. It would be great if we loved Him back the same way.

We must care about our Planet just as He, who created this perfect place, does. Its power and endless beauty amazes people and makes them happy. It raises best feelings even in the hearts of atheists.

Modern science brings straight connection between ecology of environment and ecology of human soul. In other words, if or planet is polluted, so is the energy of our soul.

All negative power-information radiations and vibrations of our civilization are more or less absorbed by our soil, water, atmosphere, along with plants and animals. Humanity that lives on Earth has been constantly polluting and poisoning it with their dirty thoughts, words and actions all of which are a sort of energy for millions of years. Noosphere that is protective and even Earth cogitative substance, is trying to process and neutralize all negative information, but is failing to fulfill its functions on such giant volumes of negative information flows, and therefore starts to store huge mass of negative energy and vibrations. At the same time Earth feels this negative impacts and reacts as a living being. Now evil energy produced by humanity turned out to be so strong that it broke protecting cover in some places. Modern science explaining appearance of new ozone holes says that they come from phenol. But this really isn't true, because one can't measure it. New ozone holes appear as a result of spiritual trash and vibrations of evil produced by our souls. And these vibrations, that can't be neutralized, return back, having significantly increased, quickly or after some time, as nature disasters and cataclysms. For example large-scale heavy rain and floods, or vice versa droughts, sometimes leading to big fires, volcanic eruption and heavy earthquakes, strong and powerful tornadoes, naval and ocean storms and tsunami. Considering the terrifying amount and destruction force of those disasters nowadays we can obviously see the quality of thinking of modern humanity.

Contemporary science pays more and more attention to studying forming and impact of human thoughts to environment. If previously thinking processes were considered as only physical and chemical reactions in brain, nowadays researches and outcomes significantly change the whole understanding of this process, sometimes bringing us back to ancient understanding of it.

As a result of big amount of scientific researches and experiments performed by different institutes and labs over the world, scientists have come to conclusion that human thoughts is material, it has a form, color and dynamic energy, acting according to given goal and direction. Scientists understood that thoughts depending on emotional condition of a person can be either weak or strong, in never disappears, can live independently like a conscious being having energy connection with the person who produced it. Human organs of perception of environment– excluding rare exceptions – are not able to understand it.

In 1947 spouses Kirlian opened new scientifically reasonable method of the gas-discharge visualization in a high-frequency electro-magnetic field, that enables to identify also human thoughts on a photo-sensitive material. Due to significant progress of this technics nowadays it is not a problem to identify and picture somebody's thoughts that are quite far from the one who produced them.

With the help of those pictures we can clearly see positive, constructive and clean mind of a person, creating kind, beautiful, positive thoughts that work for the improvement of the environment. We can also see pictures of negative thoughts of a person, raising evil, suffering from hate, with his disgusting and ugly dark creatures taking strong negative energy not only to environment, but also to near space. Let's remember how easily people say rude words with strong negative emotions. Every rude word and every fight feed negative energy flow and strengthen negative power. There is a saying: «Cutting knife is not at the belt, but at the edge of the tongue».

Dirty thoughts of humanity get attracted together, forming clots and whole clouds of negative energy damaging everything on its way.

Modern information technologies although often used to manipulate people play significant role in impact on people. Role and volumes of information consumed by people increase rapidly from year to year. Human brain can hardly handle this flow of information from internet, TV, radio and news-papers. It would be good if that information had good quality, was positive and had to impact to health. Computer and TV addiction appears, even on unconscious level. On the screens of TVs and computers there is flow of violence, sex, lies, cheating, forming our consciousness and defining a moral norm. This is why we can see many unhealthy people in the metro, sometimes witness nerve breakdown and hysterical attacks, and more often – discussions that are far from common sense. Maybe the time has come, that was predicted by one wise-man who said: all the world will go crazy, and rare normal people will be considered insane.

Nowadays many strange and unexplainable facts take place. Earthquakes have started to happen in places of war conflicts that were never considered to be seismodangerous. It is the way for our Planet to reply on modern crisis in all areas of human lives, defined by transition from spiritual values to material ones.

This really is very serious. That is why – while there still is time for changes- human return to the correct understanding of spirit should become one of the primary tasks of human ecology. It can only be achieved through deep cultural changes, especially in educational and воспитательном process, focusing on spiritual change and evolution of personality based on spiritual traditions of our ancestors. This change requires deep personal spiritual motivation, based on caring, loving attitude to good will, and confident formation of both spiritually mature

personality and humanity. And this is only possible with participation of highly-mature spiritual teachers and mentors, who clearly recognize approach of new spiritual era in evolution of human and humanity.

For this we need variety of the most up to date scientific achievements in different areas that not only don't contradict the texts of holy scriptures but add and broaden them, providing opportunity to consider historical events of our Planet evolution, analyzing reasons of change of civilizations. It is a whole area of metahistory of civilizations and religions, based on purely scientific and theological analysis, and it lets human see the same events under different points of view. This approach opens and broadens one's mind and clarifies the whole picture of the world. Thinking about all of that human himself becomes broad-minded, harmonic spiritual personality leading other people with his knowledge. Nowadays spiritual ecology is a vital necessity of current times, forming spiritual evolution of future human with brand new understanding of the world and confident look to eternity.

That is why nowadays when humanity realizes that future of our Planet and survival of humanity is under significant risk, it is vitally important to seriously consider spiritual ecology and briefly remind everyone of main thesis of ancient world-famous philosophy:

- our planet has been existing for over 4 billions of years, whereas human has been living for only 3 millions years, and within just one century he brought Earth to dangerous condition;
 - two thirds of our Planet are covered by seas and oceans, our body for 75% consists of water, and we can't exist without it;
 - forests – are lungs of Earth, producing oxygen that we use for breathing, and without them there would be no atmosphere and no life;
 - animals have been living on our Planet for millions of years, before appearance of human, and human survival depends on them, and besides we should remember that they are reasonable and have feelings;
 - existence of our Planet is not a result of mistake or coincidence, it is a part of plan created fulfilled by God
 - Earth is not only a place where we can live, it is also a place where souls can come and experience their spiritual evolution;
 - Our Planet is a true masterpiece of Creation, and even if it is not the only one in universe, it still is rare, and living on it is a privilege for humanity;
 - Earth doesn't belong to us, it is at our disposal just for the period of our lives, it is the most precious gift that we can leave to future generations;
 - we don't have any rights on Earth, only duties: to respect it, keep and protect it... in one word – love it.
- We have to remember all of it and remind it to our children.

CITIZEN NOBODY



Prof. Shanti Jayasekara, PhD, Grand PhD

When somebody asks him who he is and where he comes from, he says that he is nobody and comes from nowhere. His name is Emir Kusturica, also known as «Fellini of the Balkans» and «Gypsy Tarantino». While Kusturica considers himself to be a man from the past, critics reckon the film director among the cinema of the future. He is Muslim and was born in Sarajevo, but he is ethnic Serbian. He calls himself Yugoslav, Emir of the non-existing land (Emir is an Arabian name that means «master», «the ruler of the kingdom»).

The films by Kusturica, which were shot before the collapse of Yugoslavia, predicted the inevitability of outburst. Yugoslav cinema had been in the grip of «guerilla pathos» for many years, but still it produced some masterpieces of the military theme.

Following the Soviet cinema of the period of «thaw», innovations in Polish, Hungarian and Yugoslav cinema took place. Kusturica was studying at the department of directing at the Prague Academy after the breakdown of the Prague Spring.

-His first film «Guernica» (thesis project) won a prize at Student's Film Festival in Karlovy Vary. Critics had already noted that the films by Emir Kusturica didn't have any illusions of the 60s and didn't reflect disappointed hopes. The young director's films easily won the prizes, which Tarkovsky and Besson dreamt about. He is one of the few filmmakers in the world, who won the two awards – Golden Palms Cannes Film Festival not for long-term service, but being still young. (In 1985 for the film «When Father Was Away on Business» and in 1995 for the film «Underground»)

Successfully combining religious exotics and folklore, of

which people beyond the Balkans had vague view, Kusturica impressed his audience with ethnical identity of national life and inner nobleness of the poor.

- His second film «The Brides Are Coming» was prohibited for moral reasons. So, on the one hand, Kusturica became famous and won a lot of prizes, but, on the other hand, the government disapproved of him. Emir Kusturica reciprocated this attitude and used to say: «These people have been playing at petty politics all their life. Yesterday they were ultra-left, today they are shirakists and tomorrow they are someone else. It was they who formed Yugoslavia after World War I, and it was they who ruined it». It seemed strange to Kusturica why the West, which advocates the multicultural world, supported the collapse of Yugoslavia – the only multicultural country in the Balkans? In his film «Underground» he answers this question and provides a clear explanation for his position. Critics called this film a real boom. A brilliant tragicomic entanglement (bombardment of the Zoo), an endless chain of the baroque images, which sometimes go beyond the border of poor taste, but inexhaustible inventiveness and pervasive eroticism intoxicate a viewer better than strong brandy.

Europe accepted such esthetic chaos, but, at the same time, it caused fear of this happy sadism and inexhaustible energy, which looked great on the screen, but less attractive in the chain of endless Balkan conflicts. In the film a war lasts half a century. Tito's functionaries convinced the residents of the underground of the continuing World War II. When «prisoners» escaped, they found that the war in the Balkans was still going on, but this time it was Yugoslav Civil War. «A war is not a war until a brother kills a brother» - this is the main idea of the film «Underground» by Emir Kusturica.

Kusturica brought fresh blood to the decrepit veins of the cinema and became the living classic of the global European style in his new, post – modernistic variant. Hardly had he turned 40, when he became one of the most highly-acclaimed film directors.

His gypsy theme

In 1989 in Cannes Kusturica presented his film «Time of Gypsies», where identity of national life was shown from the different angle. The Yugoslav film director revealed that gypsies have some kind of aesthetics, which is very close to absolute kitsch.

The film director grew up next to the Roma community, and he received the first life lessons of friendship and freedom from gypsies. He felt that these poor but free people are noble inside. Gypsies can steal, kill, rape but their way of living is still different. «Money, love and family- that's everything that only matters for gypsies. That's it. Never anything extra.» - says Kusturica about gypsies.

The film «Time of Gypsies» («Home for hanging») is about a destiny of a young gypsy, who has come a long way from poverty to fabulous wealth and from spirituality to the loss of moral values. «Time of the gypsies» is purely tragic: for the first time we see an inverted figure of the Christ, the symbol of Yugoslavia, which was left by God.

The next films by Emir Kusturica became more optimistic. For a small project called Music-acrobatics for the German television Kusturica had to tell about gypsy music, but the idea ended up with the film «Black cat, White cat»

The film director didn't conceal that he was escaping from the gruesome world of politics to the utopia of happiness, to the familiar «time of gypsies». While «Time of Gypsies» is an outstanding ethnographic fresco and «Underground» is an outstanding tragicomedy of Yugoslav modern history, «Black cat, White cat» - is an outstanding ode to kitsch and happiness. Love, drugs, delicious food, wedding near the house, where two living corpses are lying, a black cat, a white cat... «In this film even the dead come alive. By making this film I get rid of tragedies and admire everything natural».-says Kusturica. At Venice Film Festival «Black cat, White cat» won Special Jury Prize for Best Director. But the film received recognition among spectators, who gave Kusturica a standing ovation. His animals theme

In the films by Kusturica even animals had a role of a great importance: to the point of sometimes naming a film in honor of cats. Dogs, goats, monkeys and even elephants «play roles» in his films. In the film «Time of Gypsies» a turkey can execute orders, in «Black cat, White cat» - a pig eats the paneling of «Trabant». In the first scene of «Underground» bombs are dropped on the Zoo, and animals, overwhelmed with survival instinct, escape to the city. And how comical was the moment, when during the bombardment of the city one of the main characters was polishing his smart lacquered boots with the cat he accidentally saw. «There is some magnetism in animals. They exist between our past and present», -says Kusturica.

His music theme

The music to Kusturica's films wrote his composer – Goran Bregovic. However, Kusturica didn't share fame with him and they had to stop working together. It had an impact on music partition of Kusturica's latest films. It

became less inspired, repeating old themes.

From easy hand of internationally acclaimed film director of the legendary films «Underground», «Black cat, White cat», «Life is a Miracle», Emir Kusturica, fashion of Balkan music appeared. Balkan music, which Kusturica used in his films, is a melodious cocktail of gypsy, Serbian and Turkish rhythms «flavored» with rock-n-roll.

His orchestra

Kusturica – rock star is known not less than Kusturica-film director. He was a bass guitarist of Sarajevo rock group called «Zabranjeno Pušenje» («Smoking forbidden»). Life wasn't a bed of roses for the young musicians: the first repetitions took place in the cellar and the musicians didn't have enough money for the instruments. After the group's breakup Emir created a new group called «The No Smoking Orchestra». It became famous immediately: for the first time the music of «The No Smoking Orchestra» sounded in the film «Black cat, White cat», and after that it gained popularity all over the world. In 2014 Emir Kusturica and his group took part in Winter International Arts Festival in Sochi.

His films and awards

- 1981 – Do You Remember Dolly Bell? - Golden Lion, Venice
- 1985 – When Father Was Away On Business, Golden Palm Cannes Film Festival
- 1989 – Time of Gypsies - Best Director award at Cannes Film Festival
- 1993 - Arizona Dream – Silver Bear – Special Jury Prize at the Berlin Film Festival
- 1995 - Underground - Golden Palm Cannes Film Festival
- 1995 - Underground – Lumiere Awards, France
- 1997 – Underground – Kinema Junpo Awards, Japan
- 1998 – Black cat, White cat – Silver Lion, Little Golden Lion and Laterna Magika Prize, Venice
- 2001 – Super 8 Stories - Silver Plate of best documentary at Chicago International Film Festival
- 2004 – Life is a Miracle - Cinema Prize of the French Education System at Cannes Festival
- 2005 – Life is a Miracle - Best European Union Film at César Awards, France
- 2005- Life is a Miracle – Best Balkan Film at Sofia Film Festival

Emir Kusturica has been wandering around the world all his entire life: he lived in Czechoslovakia and in America, where he taught directing at Columbia University. Now he lives in Paris, but he prefers to speak English only. However, he has his motherland. This is a marvelous country, where people perform noble deeds, have fun and deeply love each other. And the main thing – they don't die (but if they do – it serves them right). This is life, and Kusturica is its best artist.

THE DANCE AS A TRANSPERSONAL CREATIVITY



Prof. Kuris Irina, PhD, Grand PhD.

There are many ways to creativity. One can say surely that any kind of creativity - is an exit into special state which is not always under our control. Depending on the state it can be named differently. For one person it's a mystical experience or insight, for another one - exit to the upper or a breakthrough to higher creativity levels where one is conscious of Some higher body being the real Creator. All this we include in our personalized set of transpersonal experience. It is a «here and now» event for one person and a process taking part in space and time for another one. The properties of transpersonal experience, of course depend on the kind of creativity involved, on the tools that help one to enter The Field of Knowledge expanding one's conscious experience.

Here we are speaking about a dance as a transpersonal creative experience which combines «here and now» state and aftereffects bringing us to another kinds of creativity. The Dance is a sacral action that discovers our inner world's striking possibilities and expands the limits of perception of the outer world. It's an unusual kind of relaxation holistic movement in which the performer realizes that he/she is led by a higher power. This is the rare case when such a power is not to be resisted as the performer in a way ceases to be a common man...

Meanwhile your consciousness is not dimmed it is more lucid than in everyday situations. The result of this trance experience of special kind is an expanded state of consciousness. This effect is surprising, unusual, unpredictable. It transforms you, leads to new horizons. It brings you to a state of total happiness, blending the joy of the state that cures soul and body, with a joy of the motion, and a bliss of creativity. This understanding came to me by different ways, including automatic writing, spontaneous motion, meditation training and transpersonal experience.

This step by step experience started in a Dance that

made me us look for explanations related experiences originating in the silence of meditation and in the post-meditation states.

The experience made me to perform a search in esoteric knowledge, mythology and psychology, in the problems posed by creativity as a natural state of human beings in the information concerning not only the dance as such but also the dance as a metaphor.

So let's consider turn to the dance. For the most of people it is a motion first of all. From this point of view dance is a sum of successive positions, gestures and movements that one performs in certain rhythm and rate according to a gestalt of composition.

From this point of view dance includes many levels of body motion in space, building certain imaginary forms and spaces blending body movements with the pre-designed dance that always suffers some spatial limitations - be it a ring of mere 1,5m diameter or a largest arena in the world.

Certainly one must learn to move graciously in a right way. And the dance needs music to be identified as such. Music is mediated by a rhythm (internal or external). The term Dance embraces many stylistic variations. Dance is divided to living, popular distinctive, classical, folk, modern and so on. It can reflect certain national traits or transcend them. It can be a result of long training or represent spontaneous and relaxed holistic movement. It is this movement, naturally transforming itself to a sacral, spontaneous dance that guides you to a trance state governed by a different set of laws.

Relaxed activity is based on principles differing from usual practices. It is guided by an integral symphony of its components allowing to teach one's body important lessons about lucidity of movements, and about building one's energetic spaces both inner and outer ones. It allows to see and to feel one's body in a different way, provides deep psychoemotional experience that leads to new intuitive knowledge of one's Body.

In terms of transpersonal experience one can consider the dance: 1) as a sacral and (on higher level) even spontaneous action, 2) as a process and as a result of dancer's progress and 3) as an interaction with space connecting the dancers and the viewers (if any). One can notice both immediate impact and also after-effects of the dance. Here we would like to consider sacral dance as a kind of interaction with surrounding spatial energy. (This does not mean one is allowed to neglect more trivial matters like physical training).

The word sacral means not only ritual, divine but also implies, cryptic, hidden and secret. Sacral motion combines esoterics (alternative, exclusive knowledge given by initiation) and spiritual aspect of the dancer's soul.

Body language is inherently sacral. Learning it is like mastering intuitive knowledge. Body language like intuitive knowledge communicates stuff that is important and makes sense only for an addressee of the message. Possibly there is some another knowledge that only. The Sacral Dance can express in its plastic and that reaches the souls that are this or other way prepared for it.

This knowledge is kept in our primordial memory, reaches unconscious as a result of training and allows us to create the world of Beauty and Harmony in Dance. This way we open a new page of some internal Knowledge book, and introduce ourselves to new trance experience both in the process of dance and in its aftereffects.

Almost any ancient esoteric traditions, especially shamanism in which dance has an important part, contain safety measures. They are based on the gestalt of the dance as a set of successive interactions with space. At the same time dance closely corresponds to one's world-view, reflecting the concepts of Chaos and Harmony, the unity of male and female principles human place in the world and so on. The dance reflects both the Universe and our interaction with it.

The sacral dance is essentially a spontaneous action. Maybe it sounds a bit strange for some of us. But the process is holistic and is rooted in "here" and "now". The aim of spontaneous dance is to liberate yourself, to allow you to forget your physical body, to set you free, to initiate the power vibration so that you would enter the Flow not minding whether you set your foot correctly.

It's like a wonder every time. And dancers themselves know that they are not only dancing but also mediating (a wonder passing through their body). Changing is the world around them, changing is their own point of view. Sometimes it proceeds gradually, sometimes happens instantly. This way or other, one comes to understanding that he is not the man he was before the dance. Again and again you return in dance to yourself, to your inner source (that was forgotten in daily routine), to your cryptic abilities.

All that allows to say that the dance is a one of the most potent natural tools for creating your Place of Power], allowing to work with the energo-informational field (as we usually say in Russia). It can be named variously, but most of the practitioners agree it is a special state of consciousness allowing for co-existence of two opposite states — relaxation and mental activity — at the same time. We can say the dance is a conscious work with subconscious experience, and this hints at simultaneous existence on two planes: apparent (physical) and latent (fine).

Trance as one of altered states of consciousness (ASC) has no strict and comprehensive definition. Probably it is due to evaluation of this state from incompatible personal standpoints. Nevertheless, the very being in the trance gives us a much wider (extended) outlook. Immersing in

the trance is one of the conscious ways to subconscious informational structures embracing wide ranks: from corporal plane to the fine latent ones.

Higher sensory capacities allow for more effective conscious work with the subconscious. In its turn the subconscious can be considered to be a bridge to the unconscious; and we can make the bridge wider by using certain techniques.

In the dance we can notice the possibilities for more effective probing into the state, abiding in it and understanding it. Relaxational movement leads to definite corporal, emotional and mental liberation, to shifts of rhythms and images, to coordination of space and movements. Being valuable itself it's an important tool for the next stage — entering the extended consciousness. It aims however not only at the deepest subconsciousness layers, but allows to extract definite cryptic information. Extended state of consciousness brings us a lot of transpersonal experiences including insight, spontaneous creativity etc.

One of these states reminds me an event that took place in India in 1996. I was learning The Shiva Dance (also known as Yoga Teacher, Shiva Dakshnamurti or Master of Dance, Shiva Nataraja).

During the training I learned that my teacher changed somewhat in dance every time. Finally I noted that I myself dance differently each time. But the most surprising for me was my teacher (Anant Pilai has family is involved in dancing for about 500 years) obviously enjoyed that and was glad as a child. We discussed the topic many times. He told me about motion figure in which horizontal 8 dominated (infinity or bee dance basic element). He made me repeat and remember rhythmical syllables - tala unaccustomed to my ears. I used to enter to special state that allowed me to move freely forgetting the need to follow the memorized gestures. It was not difficult for me to learn the dance language — quite specific one with very elaborate kind of coordination. Later I came to conclusion that teacher had led me to altered state purposely. He probably made me not to learn the dance but rather to get it otherwise, to let the movements "to dance me". Having born inside, they passed through my body, my arms, legs, ever through my fingertips... Later I understood the sacral nature of the Shiva Dance. This process surprisingly combined motion training and a chance to re-create one's life in the dance. The dance was a life in some sense. Like our life it brought us insights and mystical experiences.

Can we say the process is a creativity? I think yes, while it's not to set a final point... The sacral spontaneous dance is a conscious interaction with the Space that every moment is new and unknown. So we tend to understand it by dancing again and again. And it seems to encourage us granting the pleasure of creation and something else, hardly expressed by words. Lacking of this encouragement makes one's life dull.

INTERNATIONAL PATENT
FOR INVENTION № 065/33.001
VITAMIDIN-M-UNUSUAL DOSAGE FORM OF BEE HONEY

**INTERNATIONAL INSTITUTE
OF INTELLECTUAL PROPERTY**
International University of Fundamental Studies
International Parliament for Safety and Peace

**INTERNATIONAL PATENT
FOR INVENTION № 065/33.001
VITAMIDIN-M-UNUSUAL DOSAGE FORM OF BEE
HONEY**

**The invention refers to the Pharmacological Product
«VITAMEDIN-M»**

**Patenter and Author : Prof. Galtsev Yuri Viktorovich
(RU),
Grand Doctor of Medical Science, Grand PhD,
Academician**

**Application № 065/33.001
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under IUFS
and the International Parliament for Safety and Peace
21 July 2014.**

**Validity of the International Patent expires on
December 31, 2033**

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Yury Viktorovich Gal'tsev is an outstanding scientist, he designed and created unique author's programs in information medicine and psychology.

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The activities of Yu. V. Gal'tsev is closely connected with the IUFS. Yu. V. Gal'tsev participated in many activities, undertaken by the IUFS and Intergovernmental Higher Academic Council, including the World Scientific Congress.

In 2011 Yury Viktorovich Gal'tsev was awarded a Certificate of Honor with the rank of a Laureate of the International Competition «Modern medicine, psychology and pedagogics (UNESCO-APOLLON)». Yu. V. Gal'tsev has made a great contribution to the programs of the Oxford Educational Network in spirituality, psycho-informationology, tolerance and harmonious development of a human and international security.

PROBLEMS OF NOSTRIFICATION OF FOREIGN DOCUMENTS TO AWARD THE DEGREE IN THE RUSSIAN FEDERATION



Prof. Valuchenko Vladimir,

Introduction

With the issue of confirmation (Nostrification or recertification) document on the degree or rank, as well as the problems which will be discussed in this article may face everyone who came to Russia to work or study.

Formally, the owner of a foreign diploma does not have the appropriate education in the host country. And then he needs a procedure Nostrification (confirm the level of education or the presence of his degree).

Please note that the service Nostrification is normally supplied educational documents, process control, provide information in the event of the need for additional documents, a document confirming the level of your education as well as post-graduate education in Russia. The decision is up to the Ministry of Education and Science of the Russian Federation (until recently Rosobrnadzora).

Unfortunately, this process is very bureaucratized and a very long time and those who wished to nostrify your documents on the existence of academic degrees or titles are forced to indulge in the "ordeal" in the corridors of the State-owned and held the scientist must prove that he is a scientist. And returning to the Russian scientist who was educated and a degree abroad are forced to accept these "ordeal" and bear the financial and moral costs or go back overseas, where there where he is a scientist.

Let's try to analyze the situation and offer their solutions to it.

Nostrification existing order in Russia

Recognition of foreign academic degrees on the basis of the Administrative Regulations of the Federal Service for Supervision in Education and Science of the execution of

state functions for the recognition of academic degrees and titles, specialty obtained abroad (Order of the Ministry of Education of Russia from August 12, 2006 № 306) it should be noted that in accordance with the Government of the Russian Federation dated June 17, 2004 № 300 "On approval of the Regulations on the Federal Service for Supervision in Education and science" is the recognition of the Federal Service for Supervision in Education and Science. (1) currently, the order is changing in the near beduyuschem we will see a new procedure for the recognition of foreign documents.

In the Russian Federation unilaterally recognize foreign diplomas of some Western universities. In fact, a historical document, Order of the Government of the Russian Federation of 21.05.2012 N 812- p "On approval of the list of foreign educational institutions and scientific organizations, which issue documents of foreign governments on scientific degrees and academic degrees that are recognized in the Russian Federation" regulate the above mentioned relations. (September 2013 Order was canceled). Russia recognized diplomas leading foreign universities. But later canceled the order specified (see the order of the Government of the Russian Federation of September 19, 2013 № 1694 - r). According to the new order shall be: Bachelor Specialist, Master (210 graduates of high schools).

Due to the expansion of scientific exchange of specialists from Russia and the countries of Europe and the United States, the question of establishing equivalence of qualifications attested scientific and pedagogical workers (awarded academic degrees and academic ranks assigned) takes considerable relevance.

Regulations (Regulations for the awarding of academic degrees, approved by the Decree of the Government of the Russian Federation 30.01.2002 N 74 and the Regulation on the procedure of conferring academic degrees, approved by the Government of the Russian Federation 29.03.2002 N 194), there are two forms of the modalities for establishing equivalence re-certification (including the consideration of specialist training in substance) and nostrification (representing a formalized monitoring compliance with the requirements of the documents previously awarded degree or assigned academic rank) (2). The applicability of any form determined by the availability of relevant bilateral agreements between the countries (the U.S., the UK, Italy and a number of Western countries - there is no such agreements), presumably concluded on the basis of a preliminary analysis of the comparability of levels of professional development in these countries.

Statistical data on the practice of determining the equivalence of academic degrees and titles show that the number of specialists who have undergone these procedures is relatively small (probably due to excessive bureaucratic system). It is an average of all the above certification of cases: by doctors of science - 0.64%, according to the candidates of sciences - 0.39 % , according to the professors in the specialty - 0.31 % , according to associate professor with - 0.39 % , according to Professors the department - 0.1 % , according to Associate Professor - 0.02%. Requalify by professionals of all categories in recent years has a slight growth . The growth takes place almost entirely at the expense of workers from the "near abroad" - the former republics of the Soviet Union, and is associated mainly with the migration process (3). With Western ucheny rarely apply for recognition as a recognition of their documents on a degree is only possible through the humiliating (in my opinion) re-certification procedure , and neither Nostrification . Since as mentioned above - with most of the developed countries of the West in the Russian Federation no agreements on mutual recognition. The order of this procedure to view reading the above administrative regulations.

A significant fraction of the total number requalify candidates are people who want to defend their doctoral thesis in Russia or continue their academic activities in the Russian Federation. On his return to Russia this person (citizens) of the Russian Federation also requires the establishment of equivalence of degrees awarded to them . Although given the ongoing reforms in the Russian Federation in the field of education - PhD abolished without Problems existing in the issue on the equivalence of academic degrees and titles

The question of the establishment of equivalence of degrees and academic ranks rose from 1993 in an inter-governmental body Matata , but despite the proximity of the original certification systems , has not received a final decision . It was proposed to continue this work in the framework of bilateral agreements.

The problems include the presence and in most western European countries recognized at the state level, one degree (PhD , Ph.D.) As opposed to a two-tier Russian system of academic degrees. Meanwhile , a number of leading European countries and there is a second - the highest - level of training of scientific personnel (habilitated doctor, doctors , etc.), comparable with the Russian doctors of science.

The second point that prevents the implementation of a faster and more convenient for applicants Nostrification procedures , is the disparity between disciplines and branches of science , which is conducted by the awarding

of academic degrees in different countries. In this sense, the more differentiated the Russian classification system of scientific areas, supported by detailed data sheets specialties researchers differs from the often vague titles industries in Western classifiers explicitly bureaucratic system. You could say that, " What is not produced in Russia (degree) - it's bad, but we have a very good.

An important factor that complicates the problem of mapping degrees and academic titles, is the significant differences in the qualifications for applicants and certification procedures. This is a different number , and the nature of the applicant handed candidate examinations , and forms of conformity assessment of the applicant established qualification requirements(defense of the thesis, the collection of published works, etc.).

To the existing problems is incomplete and the legal question of the form and status of certification documents issued to the applicant on the basis of re-certification or Nostrification (!).

And in most cases vrezultate Russian citizens have to leave for work abroad. Very instructive example is reflected in an article published on various websites - "The last straw for the young scientist "

Exeperimental totalitarian leader of the USSR IV Stalin (Dzhugashvili) was a success.

The procedure - certification only through VAK isolated Soviet (later - Russian) from the western scientific world , and the western scientific world was actually separated from the Soviet (Russian) .

Key areas for action to address the problems of recognition of academic degrees and titles Improving the mechanisms for the recognition of equivalence of documents on academic titles and the award of the degree requires a definition of the purpose of this work and its features. With regard to academic degrees and academic titles, as estimates of the highest level of qualification of the teaching staff, it is about the prevailing scientific and pedagogical workers . Establish compliance awarded them degrees and academic titles is assigned to is not the continuation of their education and their right to the performance of qualified research and teaching work in the country. In this sense, coming to work in the modern Russian specialists from Europe, where much better social conditions - a rare event. But the departure of Russian specialists abroad - a typical situation . That is, the facilitation of the recognition of conformity degrees and academic titles can serve as an additional impetus to the brain drain from Russia. Thus, we need a simplified system Nostrification foreign documents and to eliminate the phenomenon of re-certification, ie that procedure, where a scientist invited to actually "perezashchitsya", which in itself is not ethical.

And even set the order in Russia, according to which the document on the degree of the largest universities in the West to accept without any procedures that upon presentation of a diploma. And then : a person receiving a degree in the UK (eg. Oxford University) - he is a direct candidate for certification. “ And if you are a scientist ? It is clear why from abroad Western scholars rarely travel to the Russian Federation.

Activities in the Russian Federation Commission on Nostrification of Foreign diplomas (KNID.RU) .

In the Russian Federation at the International University of Fundamental Studies operates KNID. The position of KNID quote below (4)

position on the Commission for Nostrification of Foreign Diplomas Knid in the IHAC at IUFS

KNID in the IHAC at IUFS :

1. Takes on the basis of a reasoned request from individuals and organizations for consideration and subsequent Nostrification in accordance with international norms diplomas awarded academic degrees and titles issued by the various countries involved in the IPSP (www.internationalparliament.ru) and recognize the Vienna Convention of 18.04.1961 (1963);

2. Authenticates submitted for recognition of diplomas ;

3. Acquainted with the activities of the applicant (scientific and significant) for recognition of diplomas and sets its level of compliance with international diplomas and scientific degrees , also establishes the equivalence of diplomas awarded in various countries, international diplomas issued Knidos . Treats at special meetings of experts and reviews by giving them an appropriate conclusion ;

4. Gets the job seekers in the case of a positive decision , the fixed protocol , international diplomas nostrify Knidos ;

5. Establishes certain quotas for payment (in any currency) international diplomas of different levels and procedures of their Nostrification ;

6. The protocol provides a receipt nostrify international diplomas to persons whose previous degrees were nostrified KNID ;

7. Maintains records nostrify diplomas;

8. KNID is composed of a President, Vice-President , Academic Secretary and members of KNID , including experts . The duration of the KNID is not installed. The composition of KNID , if necessary, may change (supplemented , etc.) , while maintaining the fundamental status ;

9. KNID inform all interested parties and all stakeholders in the various countries of the world about the beginning of his career , publishing in the media , including the Internet (print and electronic) of this clause.

10. Knidos also involves periodically publish in the media, including the Internet, information on its activities .

The Rector IUFS, President MCCA at IUFS,

Chairman of KNID in the IHAC at IUFS Shanti P. Jayasekara (famous scientist in the world)

The head of the commission said the Rector of the International University of Fundamental Studies eminent scholar Grand Ph.D. Shanti P. Jayasekara. Acquainted with the work of this commission is easy. Web page addresses KNID on the Internet : www.knid.ru

Ukazanannaya qualitatively Commission carries out its work on the recognition of diplomas (within the powers granted by the International Parliament for Safety and Peace , and in accordance with the Vienna Convention (1961) , (1963)) .

Conclusion (conclusion) : Changing the order of recognition of foreign documents of a degree or title in Russia must be changed in due course. This action will allow the Russian science without problem to cooperate with foreign counterparts. This controversial topic , nona our view of the situation, when it is necessary to solve the pressing problems .

Footnotes :

1.Letter the Federal Service for Supervision in Education and Science, number VA-1659/06 -2286

2 . Source: Contribution to the discussion of the problems in the Rosobrnadzor recognition of academic degrees and titles obtained abroad (with comments EV Shevchenko from 27.05.2005) // Internet : Website Rosobrnadzora .

3. The statistics are taken online Rosobrnadzora (see (2)

4. The position of KNID (4) for IUFS

5.FZ “On Education”

6.FZ “On Higher and Postgraduate Education”

7.VIENNA Convention (1961) (1963)

MARITIME TERRORISM : A CASE STUDY OF SEA TIGERS OF LTTE IN SRI LANKA



Prof. Mahind Balasuriya, PhD, Grand PhD

“The Best means of protecting Sea Lines of Communication (SLOC) and bolstering the full alliance is by the conduct of sea control operations for forward” – Vice Admiral Mustin.

INTRODUCTION TO MARITIME TERRORISM

Definition

The Council for Security Cooperation in the Asia Pacific (CSCAP) working Group has offered an extensive definition for maritime terrorism.

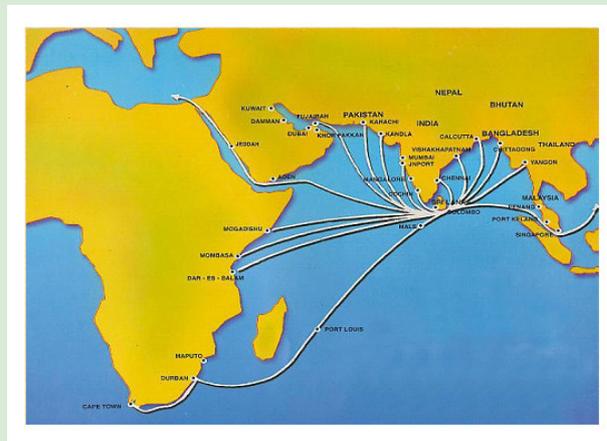
“.. the undertaking of terrorist acts and activities within the maritime environment, using or against vessels or fixed platforms at sea or in port, against any one of their passengers or personnel against coastal facilities or settlements, including tourist resorts, port areas and port areas and port towns or cities”

This definition, however, does not define what terrorism is and whether it would only include maritime attacks against civilian (merchant) vessels or also attacks against military crafts. I define maritime terrorism, therefore, as the use or threat of violence against a ship (civilian as well as military), its passengers or sailors, cargo, a port facility, or if the purpose is solely a platform for political ends. The definition can be expanded to include the use of the maritime transportation system to smuggle terrorists or terrorist materials into the targeted country. Maritime terrorism is motivated by political goals beyond the immediate act of attacking a maritime target.

The Importance of the sea is self-evident. Life on this planet arose from the sea; more than seventy percent of the earth’s surface is covered by marine areas; it is an important sources of nourishment, communications, transport and mineral wealth and it influences the climate and weather.

Sri Lanka is an Island situated in the Indian Ocean linked to major shipping areas in the Indian Ocean. The geographical location of Sri Lanka is significant in terms of Trading Maritime affairs and the Military use of the Indian Ocean. Since Sri Lanka is more exposed to the sea of Indian Ocean, the threat posed by the Foreign Naval Powers had affected the country over a long period of time. The Naval super powers of from 5th century had invaded the coastal belt of Sri Lanka regularly, the Protugees, Dutch and British’s are the more significant invaders , who occupied the coastal belt and later captured the country.

GEOGRAPHICAL LOCATION OF SRI LANKA AND SEA ROUTES



The power of Naval forces had been well studied and understood by the LTTE when they emerged as a Terrorist Organization. The coastal belt of North & East, mainly domicile by the Tamil minority, became vulnerable. The LTTE established a strong Maritime Military wing namely “Sea Tigers” under the leadership of “Soosai “ to engage the Sri Lanka Navy in the Northern and Eastern seas and to facilitate sea transportation of Military Hardware to the LTTE. Further, to add more strength a new wing called “Black Sea Tigers” “ was also established in order to carry out suicide attacks on Sri Lankan Navy Navy and the ships who were transporting food and essential cargo to the Northern Province by sea.

In times the sea Tigers had been used to carry out under water attacks on the main harbours in Sri Lanka aiming to paralyze the national economy by inflicting damages to the economic nerves centers.

Development of LTTE's sea tiger wing and its activities in the late 1980s did impose certain restrictions at the early stages and some tend to name the maritime routs around Sri Lanka dangerous. This no doubt had economical impact on our country as well the neighboring giants during a certain period of time. Despite the small scale sea battles which broke out with the Sri Lanka Navy closer to the shore, sea tigers did carry out attacks targeting Merchants Vessels when they were sailing especially in the Eastern coast. The Navy then had to double the work as the Navy was already entrusted with the monitoring of sea tiger moves taking place closer to the shore, deep sea surveillance to detect LTTE's illegal shipments of arms and ammunition along with the other tasks that Navy was entrusted with.

By establishing an illegal maritime network, LTTE was capable of bringing in their military hardware at the early stages. The common sea routes that the tigers used spread to East and West of Sri Lanka. A fleet of an approximately 15 rogue ships were in the hands of the sea tigers at various ports under various names and registrations. Accurate identification of a LTTE ship carrying military hardware was difficult without credible intelligence.

Thus; this article is dedicated to examine the existing laws of the military use of the sea and how it had been used against the National security of Sri Lanka by the LTTE, causing not only gross violation of the principal of "Peaceful sea" but also getting the civilian in North & East, to starve, by attacking convoys carrying, provisions to the innocent civilians.

MILITARY USES OF THE SEA

The Legal Regime

The law of the sea dates back many centuries. In early time, sailors and fishermen established rules of conduct. In Roman times, the sea was considered *res communis* or *res extra commercium*, that is, the sea was considered common property to be used for the benefit of all, or, put in the negative, it was not open to acquisition by the occupation of states or individuals. No state could lay claim to any part of the sea.

What ensued in the 1600's was, as professor Sohan terms it, "the battle of the books". The battle involved classic defenses of two conflicting principals on the governance of the sea. In 1609, Hugo Grotius, an eminent Dutch

international lawyer, published *Mare Liberum* ("The Sea Free"), in which he argued that states were not capable of exercising dominion over the high seas. Grotius reasoned that the seas could not be physically controlled by nations; that a property right in the sea could only be recognized if the sea and its objects could be seized or enclosed; and, since it was impossible to seize or enclose the sea, it was under the dominion of God and its resources were the property of all mankind. Grotius is frequently called "the father of modern international law" but his motives in writing *Mare Liberum* were not without self-interest. He was writing as a lawyer commissioned by the Dutch government against Portuguese claims to an exclusive trade route to the Indies through the South Atlantic and the Indian Ocean, attempting to demonstrate that the sea was not capable of private dominion.

In 1635, John Selden, an English parliamentarian, defended the competing principle in his book, *Mare Clausum* ("The Sea closed"). Selden's book was intended to counter Grotius' argument for freedom of the seas. Selden argued that the sea was capable of private dominion and that sovereignty principles applicable to land could be extended to the sea. Selden's argument is akin to the principle of *res nullius*: an asset not under the ownership or sovereignty of anyone is open to exploitation and exclusive claims by the first occupier.

For the next three hundred years, the principles of *mare liberum* and *mare clausum* competed with each other, but, for the most part, Grotius' argument for freedom of the seas prevailed. Britain itself favored the freedom of the high seas position when it became a superior maritime power in the eighteenth century. Both the principle of sovereignty and the principle of freedom of the high seas tend to expand, and the boundary between the two principles is constantly changing; the tension results in the pendulum swaying one way or the other at different periods of time.

The ownership to the Sea immersed and delimitation had been accepted by the coastal and non coastal state after signing the United Nations convention Law of the Sea in year 1982. The Coastal countries claimed ownership to the territorial sea which is 12 miles from the mainland and contiguous Zone for the 12 miles, the exclusive economic zone from the base line the rights. The coastal state demarcated three areas as their territory and the rights of each territory varied according to the state practice United Nations Organization made a invaluable effort to regulate these issues and finally was able to formulate, the United Nation convention of Law of the Sea – III (UNCLOS- III) under the article 88, 141 and 301 clearly states that the sea should be used only for peaceful purposes.

Further it may be noted that neither article 301 of the Law of the Sea Convention, headed "Peaceful uses of the seas" which obliges all States to refrain from the threat or use of force in any manner inconsistent with the principles of International law embodied in the United Nations Charter when using the seas, nor article 88 of the Convention which reserves the high seas for "Peaceful purposes" nor article 141, which reserves the International Sea Bed Area exclusively for peaceful purpose is generally understood to forbid anything other than aggressive actions at sea. Certainly the major naval powers do not regard any of these articles as imposing restraints upon routine naval operations.

THE SEA TIGERS OF LTTE: De-facto Navy of LTTE Sea Tigers background

As the Tamil insurgency gained strength, the LTTE required that much of its supplies to be smuggled in by sea. It was soon realized that a naval component was needed to complement the land-based guerrilla forces. The leader of the LTTE, Velupillai Prabhakaran, understood the necessity of a naval force.

The Sea Tigers were officially founded in 1984. In the first years its primary task was smuggling personnel and equipment between the LTTE's bases in Tamil Nadu and Sri Lanka, in particular Jaffna. As the Sea Tiger cadres gained experience, it took on offensive operations against the Sri Lankan Navy.

The leader, 'Admiral', of the Sea Tigers was said to be Soosai. The strategic implementation and execution of Sea Tiger military tactics were guided by leading senior cadre tacticians such as Lieutenant Commander Sri Ram.

LTTE Shipping Network:

The ships from 1984-2001 included:

- 1.MV Cholan, the first ship purchased by the LTTE from Singapore in 1984.
- 2.M.V. Illiyana, purchased and operated Asia,
- 3.M.V. Sunbird, detained by the Malaysian authorities,
- 4.M.V. Golden Bird,
- 5.M.V. Ahat, destroyed by Indian navy as M.V. Yahata,
- 6.M.T. Showamaru, a Japanese merchant tanker,
- 7.M.V. Omiross,
- 8.M.V. Emerald,
- 9.M.V. Swene, also operated as M.V. Baris,
- 10.M.V. Akatsu, Japanese built,
- 11.UV Blue Hawk, a 96 seated passenger ferry, but used as a utility vessel for transporting cargo, Japanese built with a US engine,
- 12.M.V. Satsuma, Japanese built,
- 13.MV Orion 1,
- 14.FV Horizon,
- 15.M.T. Mariama, Japanese built,
- 16.M.V. Daishin, Japanese built,

- 17.M.V. Seishin, Japanese built,
 - 18.U.V. Magamai, Japanese built,
 - 19.U.V. Rakuy, Japanese built,
 - 20.M.V. Matsushima, Japanese built
 - 21.M.T. Shoshin, Japanese built
 - 22.M.T. Manyoshi, Japanese built
 - 23.M.V. Shinwa, Japanese built
 - 24.M.V. Seiko, Japanese built After 2001,
 - 25.M.T. Seyo, Japanese built
 - 26.M.T. Koshia, South Korean built
 - 27.M.T. Kyoj, Japanese built
 - 28.M.T. Koi, Japanese built
- FACTS OF THE LTTE PIRACY

I.In October 1994 LTTE destroyed the MV Ocean Trader off Vettalaikerni

II.In June 1995 LTTE destroyed the MV Sea Dancer off Kankasanturai

III.In August 1995 LTTE attacked the MV Lanka Muditha off Kankasanturai

IV.In August 1995 LTTE hijacked and looted the MV Irish Mona off Mulaithivu

V.In April 1996, the LTTE staged an abortive attack on the port of Colombo and damaged three foreign owned vessels.

VI.In August 1996, the LTTE blasted a Philippine registered cargo ship MV Princess Wave with underwater explosives while it was loading mineral sands at Pulmodai. The cargo was for a Japanese consignee. 15 soldiers were killed.

VII.In May 1997, the LTTE blasted MV Athena a Greek registered bulk carrier while in anchor in Trincomalee.

VIII.In July 1997, the LTTE set fire to a 500 seat passenger ferry MV Mission, an Indonesian flagged vessel, transporting Tamil civilians from Mannar to Jaffna.

IX.In July 1997, the LTTE captured the North Korean registered, flagged, and crewed MV Morang Bong, a 3000 ton general cargo vessel, which was anchored off point Pedro. It had delivering a consignment of food to the Jaffna Peninsula.

X.In September 1997, the LTTE captured a Panama-registered, Chinese owned MV Cordiality, a bulk carrier, which was transporting essential food cargo. 5 Chinese were killed.

XI.In August 1998, the LTTE hijacked the Indian owned MV Princess Kashoff Mullaittivu. The 6000 ton ship, chartered from Dubai based Goodwill Company was transporting cement, dry food rations and vehicles for civilian use in Jaffna.

XII.In July 1999, LTTE destroyed the MV Newco Endurance at Trincomalee Harbour

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XIII. In September 1999, LTTE attacked the MV Julia off North of Mullativu.

XIV. In June 2000, LTTE destroyed the MV Meres Uhana off Point Pedro

XV. In September 2001, LTTE attacked the MV Pride off Point Pedro.

XVI. In October 2001, LTTE attacked the MT Dunhinda off Point Pedro.

XVII. In March 2003, a Chinese Fishing trawler named 'Fu Yuan Ya 225' was captured and was exploded by the LTTE, killing 20 of its crew members.

XVIII. In December 2006, the LTTE attacked the Jordanian Vessel MV Farah II and looted the ship

XIX. In January 2007, MV Liverpool delivering relief supplies to Jaffna was attacked off Point Pedro.

Detection of LTTE Arms Shipments/Equipment

I. In December 1990, MV Sun Bird was detained by Malaysian authority in Penan, Malaysia.

II. In November 1991, MV Tongnova was detained by Indian Navy off Karaikal

III. In January 1993, MV Ahat was scuttled by LTTE off bay of Bengal

IV. In February 1996, MV Horizon was destroyed by SLN off Mullaithivu

V. In November 1997, MV Fratzescom was destroyed by SLN off Mullaithivu

VI. In March 1998, MV mariamma was scuttled by LTTE off West of Nichobar

VII. In May 1999, MV Showamaru was detected off West of Nichobar Island

VIII. In April 2000, Thai authorities discovered half built mini submarine in Phuket

IX. In September 2006, Sri Lanka Navy destroyed un-named vessel off Kalmunai

X. In February 2007, Sri Lanka Navy destroyed un-named vessel off South of Dondra

XI. In March 2007, Sri Lanka Navy destroyed un-named vessel off South East of Arugambay

XII. In May 2007, Indian fishing trawler Sri Krishna was sunk by Maldivian National Defense Force while it was transporting ammunition to LTTE off Maldivian territorial waters.

SIGNIFICANT COUNTER ATTACKS BY THE GOSL

The Disruption of the LTTE Shipping Network:

The decline of the LTTE was driven by four factors. One of them was the destruction of the LTTE shipping fleet. The others were the defection of Karuna, the overall military commander and Eastern commander of the LTTE over a disagreement with Prabhakaran, the increase in the Sri Lankan military strength enabling the military to fight

in multiple theatres, and LTTE conscription and taxation. The LTTE failed to replenish its material wastage by sea.

i) LTTE MT Kioshi captained by Murugan with 16 crew members was destroyed off Dondra by the Sri Lanka Navy on February 28, 2007. The ship transported about 600 numbers of 120mm shells, 150 numbers of 130mm shells, and 25 barrels of aircraft fuel on the ship. The LTTE ship was 185 NM in the southern seas off Dondra.

ii) An Indian trawler Sri Krishna hijacked by the LTTE was transporting weapons. When interdicted, it fired at the Maldivian Coast Guard on May 17, 2007. The Coast Guard sank trawler and rescued the Indian engineer and prosecuted the LTTE crew. The debriefing provided insights into where the LTTE warehouses were floating.

iii) LTTE MT Eyoshi, a new tanker, captained by Lt. Col. Issaikon was destroyed on March 18, 2007. The tanker carried T56 guns, 130 and 152 artillery guns, 130, 120, and 85 mortar guns, and 130 mm, 152 mm, 122 mm, 120 mm, 81 mm shells. In addition to oil, grease and a heavy electric engine, cloth to stitch military uniforms and shoes, the ship also carried outboard engines – Suzuki, Yamaha, Johnson 250 hp. The vessel was destroyed by the Sri Lanka navy in the seas southeast of Arugam-Bay.

iv) LTTE M.T. Koshia captained by Amman was destroyed together with two others ships in the seas southeast of Dondra by the Sri Lankan navy on September 10/11, 2007. The ship, also known as MV Goishin alias MV Joishin alias MV Jeishin, had the IMO No. 8518948. In addition to transporting 29,000 artillery rounds (152mm and 122mm) and artillery guns, the ship was transporting 9,000 numbers of 82 mm shells, 1500 numbers of 130 mm shells, and 50,000 numbers of 152 mm shells and an unknown quantity of air fuel.

v) LTTE M.V. Seishin captained by Sobithan was destroyed in September 2007. Also known as MV Mann, the old cargo vessel with the IMO No. 8312825 was transporting mortar launchers, 60mm and 120mm shells, artillery guns, 2.7 mm and 14.5mm guns, 40-50 barrels of air fuel and 7000 cloth rolls for uniforms. The ship was destroyed together with two others ships in the seas southeast of Dondra by the Sri Lankan navy on September 10/11, 2007.

vi) LTTE M.T. Manyoshi captained by Senpakavenan alias Senpgaselvan alias Semba was destroyed together with two others ships in the seas southeast of Dondra by the Sri Lankan navy on September 10/11, 2007. The ship with the IMO No. 8106513 was transporting a bullet proof vehicle, radars, GPS, uniform cloth materials, small arms and ammunition. MT Manyoshi was anchored off Indonesia and maintained a floating armory. Bahi in Indonesia provided the food and fuel.

vii) LTTE MV Matsushima captained by Kapilan alias Kabilian was destroyed by the Sri Lankan navy on October 7, 2007. The ship with the IMO No. 8221571, was transporting 2000 numbers of 130 mm shells, 1000 numbers of 152 mm shells, 700 number of 140 mm shells, boat engine parts, HF sets, 03 numbers of aircraft, one number of land cruiser jeep, 1 number of bullet proof land cruiser jeep, torpedoes, torpedo launchers, sonar, ski jets, diving equipment, swimmer delivery vehicles, and water scooters.

SEA TIGERS: REGIONAL THREATS & GLOBAL RAMIFICATION

The maritime attacks carried out by the LTTE Sea Tigers in the Indian Ocean region has a long and bloody history. Besides attempts of smuggling arms and attacks on Sri Lankan Naval Vessels, the LTTE has been responsible for confrontations, boarding without permission, attacking, destroying, damaging or ship-jacking a number of foreign-owned civilian vessels in Sri Lankan waters. These acts, broadly defined as maritime terrorism and piracy, constitutes a flagrant violation of domestic and international laws.

One of the earliest instances which demonstrated this maritime capacity was when the LTTE's former Jaffna commander and under head of the LTTE International secretariat Sathasivan Krishnakumar alias Kittu with a large consignment of weapons in MV Yahata (Mid sea changed to MV Ahat) was challenged by the Indian coast-guard in the international waters, before the vessel was destroyed on January 19 of 1993. Since then, the LTTE has carried out numerous acts of maritime terrorism testing the patience of not only the Government of Sri Lanka and friendly governments of neighboring countries, but also those of ship owners flying flags of nations afar. Vessel flying Philippine, Greek, Indonesian, Panamanian, Belize, Chinese, Jordanian, Cambodian and Indian Flags have been at the receiving end of the LTTE's terror. This underlines the LTTE's capacity to be a threat to international shipping is clear.

As early as in 1997, the international maritime community assessed Sri Lankan waters as vulnerable to incidents of maritime terrorism. Maritime Intelligence and security brief issued by the Maritime Intelligence and Counter-Piracy Operations Centre on 10 September 1997 observed, "Sri Lankan waters continue to remain an extremely dangerous area for maritime traffic." Referring to the LTTE, it added, "they will not hesitate to approach, board, pilfer and possibly destroy targets of opportunity." On a global scale, according to statistics maintained by the International Maritime Bureau (IMB) at the time, Sri Lankan waters witnessed the fifth largest number of piratical attacks. The LTTE had carried out ten suicide attacks on Sri Lanka Navy vessels with the use of explosive laden boats before the Al Qaeda attacked 'USS Cole' in Yemen in Oc-

tober 2000. In fact the Al Qaeda attack on the USS Cole was a copycat of LTTE's attack on Abheetha, a Sri Lankan Navy supply ship on 4 May 1991. In a 19 March 2003 interview with the BBC Sea Tigers Chief Soosai was to state "I think in Yemen they used our strategy of targeting the hull in their suicide attack to blow up an American ship 'USS Cole' - this is exactly what we used to do".

A de facto Navy in the region is an obvious risk to the regional naval and maritime security and International Trade. The sea should be free of military activities, to facilitate the areas mentioned above. Any fleet of this nature causes significant military threat to the adjoining naval forces, its harbours and their activities, thus implicate severe security threats on their territories. The security threats and effects to the peaceful naval maritime activities create an in-balance in the regional peace and make an indirect effect globally. The threat created by the LTTE in the region is not only limited to maritime terrorism, facilitated the International criminal network and organized cross border crimes. It is significant to note that India and Sri Lanka both urged the UNO to declare Indian Ocean as a peace zone, demilitarizing the seas surrounding both nations, probably realizing the impending threat.

CONCLUSION: Points to ponder

Attention of world maritime security and its implications took a sharp turn after the 9/11 incident. Even though the world paid attention to this aspect in the recent past, terrorist groups were engaged in maritime piracy as well as maritime terrorism. None of the bodies which analyze developments that took place out in the maritime environment failed to effectively put all the pieces together in order to understand the future global impacts. Surprisingly some of the maritime nations have failed to understand this reality and in turn they have started reacting in isolation rather than making combined efforts to make at least their respective sea areas safe for themselves as well to the others who use their maritime routes often.

Forward sea control operations conducted by the Sri Lankan Navy along with the formidable assistance with her foreign counterparts was the main success story in crushing the Sea Tigers of the LTTE. The intelligence and the off shore fighting capability was the key, in the majority of those operations conducted. Dismantling the LTTE maritime supply route was significant, disregarding the consequences of the legality issues raised by the sympathizers of the LTTE. Nevertheless, no country in this world would let their National Security at stake, when it is threatened by terrorism. United States of America is one country who defended this argument when WMD threat on them was exposed.

The LTTE was militarily crushed totally by the government of Sri Lanka on 19th May, 2009. Thereafter the Sea-Tiger threat has totally diminished.

FISHERIES IN SRI LANKA UNDER THE BRITISH COLONIAL ADMINISTRATION - A LESSON TO FUTURE



Dr. Kulatunge, PhD

Background:

Sri Lanka is an island in the Indian Ocean, located to the south of India between latitudes 6 – 10 degrees north, longitudes 80 - 82 degrees east (fig 01). The Island has land area of Sq.km 66,000 and sovereign rights over 534,000 Sq.km of ocean since the declaration Exclusive Economic Zone (EEZ) in 1978. The country enjoys with 12 nautical miles of Territorial Waters, 24 nautical miles of Contagious Zone, Historic Zone which covers 21,500sq. km and a coastline of 1561 km in length. The total area of the shelf is about 26,000 sq. km which is around 20% of the total area of the Exclusive Economic Zone (EEZ) of Sri Lanka (Annon, 1995; Kulatunga 2012).

There are 103 rivers, large, medium and small scale started at the central hill and end up with the coastal zone of the island, nourishing the sea beach of the island. The lagoons and estuaries play an important role in fisheries by providing facilities for fishing boat anchorage, conserving aquatic biological resources and its diversity, meet the water requirement of the coastal communities, in addition play a vital role as sensitive habitats for a numerous aquatic species. There are a number of fishing grounds located in lagoons and estuaries. These wetlands vary from one another with size, shape, physical characters as well as biological characters (Annon 1995; Kulatunga 2012).

The Resource Base

Ninety big and small pelagic fish species living in the coastal sea of the island have been recorded so far and skipjack and yellow fin tuna are prominent among them while Spanish mackerel, marlin, sword fish and black marlin are also commercially important fish species recorded from coastal sea of the island. Demersal Fishery resources are widely distributed in the area of the continental shelf which is rather narrow. Among them pig faced bream, bream reef cod, grouper and snappers are commercially

important, and sixty shark species have also been recorded. Among them Thresher Shark, Hammerhead Shark and Shilky Shark are prominent.

Commercially important four shrimp species are also living in the coastal sea of the island, viz Banana Prawn (*Penaeus merguensis*) Kadal Shrimp (*Metapenaeus dohsoni*) Green Tiger Shrimp (*Penaeus monodon*). The Banana Shrimp contributes 40% to the total shrimp production of the country (Annon 1995; Kulatunga 2012).

The lobster is also considered as an commercially important coastal aquatic resource of the island since it fetches a higher value in the foreign market as well as local market. There are 06 Lobster Species living in the coastal sea of the island viz *Panulirus ornatus*, *Panulirus dasypus*, *Panulirus versicolor*, *Panulirus pencillatus*, *Panulirus japonicus* and *Panulirus polyphagus*.

Although there was no much attention paid to the fishery in the past, especially during the monarchical administration at present fisheries sectors of the island has accorded high priority since socio - economic and environment point of view, it plays an important role. Total fisher population living in the coastal zone of the island and closer to inland reservoirs is estimated to 640,000 according to the fisheries survey carried out in 2007. They are living in 1410 villages, in 26 districts and in 143 Fishery inspector divisions (Anon, 2008).

Originally man was interested in catching sufficient fish for his daily needs and we know hunters and fishermen that nothing was allowed to be wasted by catching more than was necessary. At some point however it became possible to barter fish against other things and in this case it became desirable to catch more especially when it was found that fish could be preserved and stored by drying, smoking, salting or by some simple process of fermentation (Brandt, 1973).

This gave a strong impetus for more fishing and more better fishing gear to facilitate the development of a permanent artisanal fishery. To catch more fish required not only more time but also a larger quantity of fishing gear, more pots, more traps, or more lines with more hooks. But not only had the amount of the gear operated increased but also its efficiency and size in order to be capable of catching bigger quantities. Fishing for simple fish or for small quantities as in subsistence fisheries, was replaced by an artisanal commercial fishery. The artisanal fishery mostly no longer in the old traditional form, has its importance even today in modern society. The trade in fish became more and more important and this gave rise to the development of large scale fisheries based on bulk fishing (Brandt, 1973).

With the increasing demand, specially in urban areas, there also came in another trend the need for large scale fishery to abandon shallow waters and penetrate into greater depths in order to find larger supplies of fish. The deep water fishing also extended to large lakes (deep sea fishery) in contrast to the beach fishery. This brought new developments in bulk fisheries with Beam trawls and large otter board bottom trawlers and purse seines to catch large quantities of pelagic prey in the upper range of water. In addition mid water trawlers to fish in the area where neither purse seine nor bottom trawl could be operated. Both small scale artisanal and large scale industrial fisheries have an important place in the nutrition of people today and in the future.

With the increase of fishing effort targeting high bulk fishing most of the fishery resources came under pressure. This has been highlighted by researchers all over the world (Daniel. D. Hupprt, 1995; Sivasubramaniam, 1995; Pitzpatrick John, 1995; Garcia, 1996; Sivasubramaniam, 1999. For more details please see the problem statement.

1.2 Statement of the Problem

Fish is a natural resource, belongs to renewable category, treated as a common pool resource exploited under open access. Fisheries including aquaculture provide a vital source of food & food security, employment opportunities, recreation, trade and economic well – being for people through out the world.

Capture fisheries and aquaculture supplied the world with about 106 million tons of food fish in 2004 (total fish produced in 2004 was 140 million tons), providing an apparent per capita supply of 16.6 kg (live weight equivalent) which is the highest on record. Of this capture fishery accounted for 57 percent. Overall fish provided more than 2.6 million people with at least 20 percent of their average per capita protein intake in 2004.

The fishing industry in the island provides fulltime employments to around 188,300 persons and part time employments also provides around 100,000 persons and while a further 100,000 persons are provided indirect employments. It was noted that its contribution to the Gross Domestic Product (GDP) of the country was 1.9% in 2007 according to the information of the Department of Census and Statistics. Export of fish and aquatic products contributed on an average of Rs.19123 millions in foreign exchange earnings in 2006 – 2007. This was 1.5 % of the total non traditional export earnings of the country. The fisheries sector contributes a substantial portion of animal protein consumed by the population. According to the Food Balance Sheet (Dept. of the Census and Statistics 2007) fish has contributed 54% of the animal protein consumed in the country.

During the past three decades the number of fishers and aquaculturists has grown faster than increase and than employments in the traditional agriculture. In 2004 an estimated 41 million people worked as fishers and farm-

ers, the great majority of those in developing countries principally in Asia.

Depletion of the world's fish stocks by over fishing and habitat degradation, the most alarming risk facing fishery managers, accounts for current emphasis on the precautionary approach (Daniel. D.Hupprt, 1995). The collapses of Newfoundland Cod, of Bering Sea red king crab, of Peruvian Anchovies, of north Atlantic Herrings, of Antarctic Blue Whale, of North Pacific Albacore, of New England ground fish & flounder, of Southeast Spiny Lobster, of Atlantic Blue fin Tuna & Swordfish, Gulf of Mexico King Mackerel & Pink Shrimp, of Pacific Ocean Perch are classic cases in point.

The present status of many fishery resources around the world indicates that management practices need to be strengthened. An acceleration of the process of evolution of fisheries management and a broadening of its scope are required to take fully into account the explicit requirement of the 1982 United Nations Convention on the Law of the Sea, UNCED Agenda 21, the Convention on Biological diversity, the out come of UN Conference on Straddling Fish stocks and Highly Migratory Fish Stocks and FAO Code of Conduct for Responsible Fisheries (Garcia, 1996).

Artisanal and small scale fisheries are already under severe pressure due to generally high levels of fishing effort within inshore areas as well as competition with recreational, commercial and industrial fishers and other non fishery resource users (Pitzpatrick John, 1995). In recent decades at least twenty five important species of fish have been depleted, a number of species of marine mammals and turtles have been over exploited and some are in danger of extinction (UNEP, 1989).

In considering all these facts the nine session of the FAO Committee on Fisheries (COFI), held in March 1991 recommended that new approaches to fisheries management embracing conservation and environmental, social and economic considerations were urgently needed. Subsequently the FAO formulated the code of Conduct for Responsible Fisheries compatible with the relevant rules of the international law, as reflected in the United Nations Convention on Law of the Sea, 1982, as well as with the Agreement for the implementation of the Provisions of the United Nations Convention on the Law of the Sea relating to conservation and management of Straddling fish stocks and highly migratory fish stocks.

Artisanal and small scale fisheries are already under severe pressure due to generally high levels of fishing effort within inshore areas as well as competition with recreational, commercial and industrial fishers and other non fishery resource users (Pitzpatrick John, 1995). In recent decades at least twenty five important species of fish have been depleted, a number of species of marine mammals and turtles have been over exploited and some are in danger of extinction (UNEP, 1989).

Due to the religious factors people in Sri Lanka prefer to fish than meat. During the monarchical administration population was less and demand of fish was also less. Fishing was at below the subsistent level and it was a livelihood fishery. Fishing gear used to exploit the resources was so simple and primitive in nature. The fishing crafts were also traditional in nature and small in size. Therefore during that period pressure on the fishery resources was very minimal, but even under such circumstances authorities had taken steps to conserve the resource through management practices.

With the increase of population demand for fish increased and at the same time efforts had made to exploit the resources with modern technology, large fishing boats, more efficient and active gear types to increase fish production. Over exploitation of fish stocks, use of destructive fishing gear, modification of ecosystems and conflict among resource user groups have threatened the long term sustainability of fisheries and the contribution of fisheries to food supply.

As a result some of the coastal fish species were heavily depleted. South coast lobster fishery, beach Der mer fishery in the east coast, south & east coast chank fishery, pearl oyster fishery in pearl banks Mannar are good cases in point. The chank production has seriously dropped down. 1000 metric tons in 1940 has decreased to 330 metric tons in 2003. This may be due to high fishing pressure mounted on the resource recently. The pearl fishery, which was very popular in pre colonial and colonial periods, was completely collapsed today.

According to the fishery resource survey of Dr. Fridjeoff Nanson 1977 – 1979 the maximum sustainable yield (MSY) could be derived from coastal pelagic is 170,000 metric tons of fish and the island is almost reached this level. In 2007 the coastal sector contribution to the national fish production was 150,110 metric tons and compared to the year 2000 (175,280 metric tons), it was 16 percent decrease.

Year	MUL	1 DAY	OFRP	MTRB	NTRB	Coastal Fish Production
2000	1430	1170	8690		1205	175,280
2007	2460	1060	15200		1680	150,110

Source: Fisheries Statistics 2007, Ministry of Fisheries and Aquatic Resources

Compared to the 2007 with 2000 the number of OFRP has increased by 6510, MTRB by 475, NTRB by 1540. All these fishing crafts exploit fishery resources within the coastal sea of the country. Although the fishing effort has increased tremendously fish production could not increased but decreased by 16 percent (16%).

The fishing industry of the island has passed both development and stable phases and has entered into decline phase (Sivasubramaniam, 1999) fig 02. Therefore it is rather important to bring the coastal fishery under control through an appropriate management system (Sivasubramaniam, 1995). Effective sustainable fisheries development could be recognized in coastal fisheries in the island where co - management practices were / are in place.

In natural eco system the abundance of preys and predators and variations are controlled and maintained within the limits compatible with the eco system sustainability by a set of complex inter actions and feedback mechanisms.

In ecological terms fishers are organized top predators. As such their survival depends on the survival of their living resources and they are certainly far more sensitive to natural feedback information on the state of the resources they exploit than individual systems using oceans as a renewable resource for waste dumping, however contrary to natural predators fishermen are not entirely controlled by feedback signals of the resource stress. Their operations are not totally dependent on the abundance of the various elements of the resource ecosystem and indeed are partly isolated from such feedback controlled by various mechanisms such as price increase, technological improvements and shifts to other species or areas and government subsidies. They can therefore continue and even expand their operations despite the environmental degradation and resource depletion they may produce.

Management of the fisheries and aquatic resources is a complex task which encompasses multiple jurisdictions and multiple sectors that exploit and interact with the same resource bases. A careful and coordinated management plan is essential to prevent and reduce further degradation of resource bases and minimize social conflicts, and to achieve sustained production potentials of the resource bases. Appropriate strategies for the development and management of the aquatic resources are of prime importance, not only for sustainable management of the resource bases but also for the social and political stability of a country.

As far as Sri Lankan fishing industry is concerned it has become a prime importance to bring the fisheries under the management since most of the coastal resources got depleted while some others are at a high risk. The industry plays a critical role in the island's economy from the view points of food & food security, foreign exchange and employment opportunities.

In considering these factors it has become a necessity to develop the fishery of the country in a sustainable manner to ensure long term benefit to the resource user community. But it is a big challenge. In the process of Sustainable Fisheries Development (SFD), formulation of proper plans and programmes play an important role. This task has become a serious challenge because there is no properly collected reliable set of data and information useful for formulation of fisheries development plans (Mahalingam, 1995; Sivasubramaniam, 1995). Although the fisheries has been developed from subsistent level to industry data and information in respect of resource conservation, resource exploitation, gear & methods used in resource harvesting, craft used for exploiting fish, policies practiced time to time, legal framework and institutional framework were not collected and documented properly.

In the formulation of sustainable fisheries development plan these information plays a vital role. Therefore analyzing past development plans, policies, resource management efforts are prime importance for SFD in the country. In addition reviewing the evaluation of fishing gear and fishing craft technology also play a critical role in SFD in the island.

SFD has accorded high priority today since the last few decades fishery resources exploitation has increased, bringing the resource under a heavy pressure threatening the resource base.

Although the authorities time to time had introduced fishery resource management practices to manage the resource, because of the gaps, drawbacks and deficiencies in the policy, legal and institutional regimes the expected objectives could not be achieved satisfactorily.

The SFD depends on less environmental impacts, prevent over fishing, knowledgeable resource users, proper planning' integrated holistic approach with a sound management plan and also with a special reference to fishing gear, resource management tools and sound community involvement

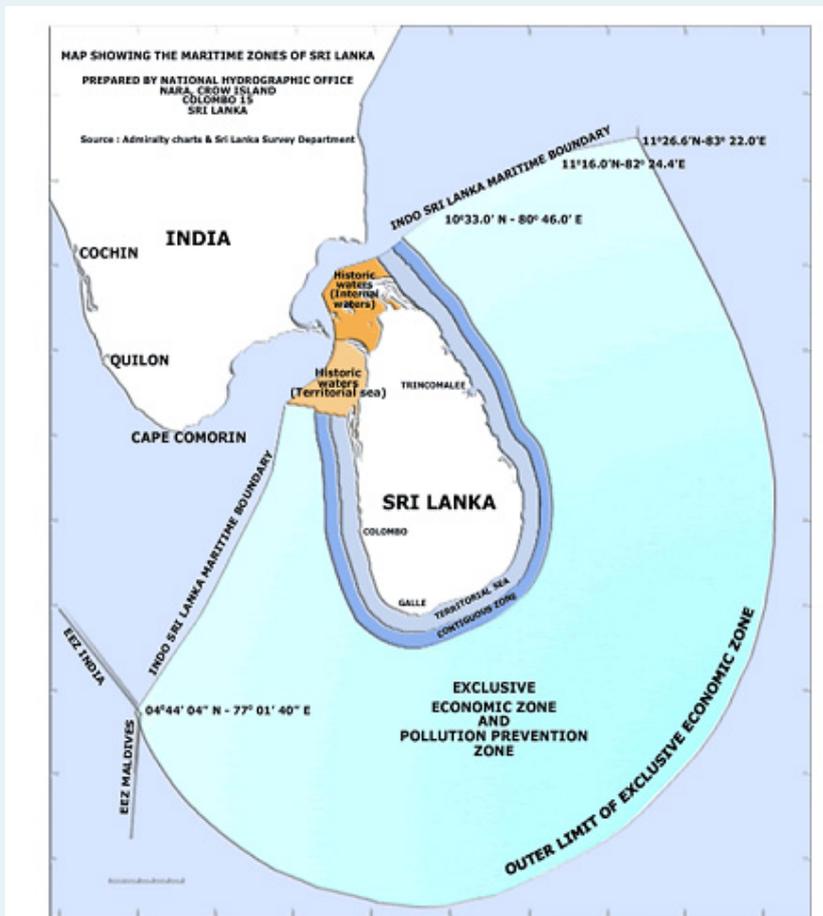


Fig 02 History of Fisheries Change Phase

MAHATMA SHANTI GETS APPOINTED AS ADVISOR TO HIS ROYAL HIGHNESS PRINCE SEBORGA



Mahatma Shanti P. Jayasekara (Santhi Pushpa Kumara Jayasekara), Rector IUFS/The President of IUFS, the President of IHAC, academician, professor gets appointed as the Personal Advisor of the Government of the Principality of Seborga.

Prof. Jayasekara, further has been assigned to look into all matters related to development and promoting the image of Principality of Seborga to all over the world with a special focus on Sri Lanka and the Russian Federation which includes the fields of Construction, Tourism, Trade, Agriculture industry.

The Official appointment was handed on 29 th September 2014 by the Hon. Foreign Minister H H Nina Menegatto in Seborga, in northwest Italy which is administratively, a comune of the Italian province of Imperia and is the closest city to Monaco which has contributed to Monaco's status as a premier tourist destination and recreation center for the rich and famous. And in more recent years Monaco has become a major banking center and has successfully sought to diversify its economy into the services and small, high-value-added, non-polluting industries.



Hon. Foreign Minister H H Nina Menegatto & Prof. Santhi Jayasekara

THE ROLE OF VITAMIN B-17 IN NATURAL CHEMOTHERAPY OF CANCER



Dr. Georgio I. Foutsitzi, PhD

Every year 550,000 Americans will die from cancer. One out of every three will develop cancer in their lifetime. That is eighty-eight million people in the United States alone.

What you are about to read does not carry the approval of organised medicine. The Food and Drug Administration, the American Cancer Society, and the American Medical Association have labelled it “fraud” and “quackery”. In fact, the FDA and other agencies of government have used every means at their disposal to prevent this story from being told. They have arrested citizens for holding public meetings to tell others of their convictions on this subject. They have confiscated films and books. They even have prosecuted doctors who apply these theories in the effort to save the lives of their own patients. G. Edward Griffing, author of the book: “World Without Cancer” contends that the answer is to be found not in science, but in politics, and is based upon the hidden economic and power agenda on those who dominate.

The purpose of this research is to show that this great human tragedy can be stopped now entirely on the basis of existing scientific knowledge. The information you are about to read marshals the evidence that cancer is a nutritional-deficiency disease, like scurvy or pellagra. Several forms of cancer caused by bacterium virus and of course by the absence of a substance that modern man has removed from his diet. That substance is Vitamin B-17, also known as Amygdalin or Laetrile. If that analysis is correct, then the treatment and prevention of cancer can be made simple. All that needs to be done is to restore that easily obtained and inexpensive food factor to our daily meals. An increasing number of doctors all over the

world are now testing and proving in their own clinics that the vitamin concept of cancer is true.

As you shall see in this research that follows, there is a great deal of evidence supporting the nutritional-deficiency concept of cancer -- more than enough to convince most people that the thesis is proven. This concept is not approved by orthodox medicine. Yet the evidence is clear that here, at last, is the final answer to the cancer riddle.

The following information referred in this research is compiled from treatments carried out by some cancer clinics around World. These treatments are widely believed by many in the alternative cancer treatment field to be most effective combating cancers and/or acting as strong cancer preventative in human and animal systems. No claims made or implied in providing the following information. The reader must use his discretion and a qualified medical practitioner should always be consulted in the matter treatment decisions for any cancer.

Introduction.

During 1950 after many years of research, a dedicated biochemist by the name of Dr. Ernest T. Krebs, Jr., isolated a new vitamin that he numbered B-17 and called ‘Laetrile’. As the years rolled by, thousands became convinced that Krebs had finally found the complete control for all cancers, a conviction that even more people share today. Back in 1950 Ernest Krebs could have had little idea of the hornet’s nest he was about to stir up. The pharmaceutical multinationals, unable to patent or claim exclusive rights to the vitamin, launched a propaganda attack of unprecedented viciousness against B-17, despite the fact that hard proof of its efficiency in controlling all forms of cancer surrounds us in overwhelming abundance. Why has orthodox medicine waged war against this non-drug approach?

Each year, thousands of Americans travel to Mexico to receive vitamin B-17 (Laetrile) therapy. They do this because it has been suppressed in the United States. Most of these patients have been told that their cancer is terminal and that they have but a few months to live. Yet, an incredible percentage of them have recovered and they are living normal lives (see success stories). However, the FDA, the AMA, the American Cancer Society, and the cancer research centres continue to pronounce that Laetrile is fraud and quackery.

The recovered patients, they say, either had “spontaneous remissions” or never had cancer in the first place. If any of these people ultimately die after seeking Laetrile, spokesmen of orthodox medicine are quick to proclaim:

“You see? Laetrile doesn't work!” Meanwhile, hundreds of thousands of patients die each year after undergoing surgery, radiation, or chemotherapy, but those treatments continue to be touted as “safe and effective”.

In the U.S. the FDA has tried to use strict regulations, not law, to ban vitamin B-17 for over 18 years. Vitamin B-17, or Laetrile Therapy is only used by some hospitals in Mexico, which treat cancer with nutrition. These hospitals achieve nearly a 100% recovery rate with virgin cases (localised tumours/cancers that have not yet been burned up with radiation, poisoned with chemotherapy, or cut into with surgery). A majority of Laetrile-treated patients report positive responses, ranging from increase in the feeling of well-being and even brighter outlook of life, to such noticeable reactions as an increase in appetite, weight gain and, frequently, restoration of natural colour, reduction or elimination of cancer-connected pain and cancer-caused fetor. In thousands of cases, total regression of all cancer symptoms has been confirmed.

Vitamin B-17, commonly known as “Amygdalin”, or “Laetrile”, is a natural substance that can be found in a variety of species in the Vegetable kingdom. The greatest concentration is found in the seeds of the rosaceous fruits, such as apricot kernels and other bitter nuts. There are many seeds, cereals and vegetables that contain minimal quantities of vitamin B-17 and form part of our daily diet.

With great satisfaction we are proud to present this vegetable agent whose anti-cancer properties have been known empirically for many years, but in the last twenty years they have been scientifically proven, primarily through the clinical studies directed by Dr. Ernesto Contreras Rodriguez and carried out in the OASIS of Hope Hospital formerly known as the Centro Medico y Hospital Del Mar at Playas de Tijuana, B.C.N. Mexico. More than 100,000 patients have sought Contreras' care since 1963.

The information that follows will educate on the benefits of metabolic therapy and prevention. All the food supplements mentioned in this research can be easily obtained by patients who are not able to go to Mexico because of financial reasons, patients who are too weak to travel, and by patients who have already been to these hospitals and need to remain on metabolic therapy. You will be taught how to benefit from metabolic therapy either in Mexico, or at home at a fraction of the cost. These are some of the goals of this research, should be mentioned internationally.

This research does not promote laetrile, nor any of the products mentioned herein, as a cure for cancer. All of the products we mention are regarded metabolic agents or vitamins used in nutritional therapy and prevention. All information, as well as success stories, comes from journals and letters written by medical doctors and people who have used metabolic therapy and who wish to share their experiences with others. It is important to realise

that one must exercise caution in evaluating them. We share them with you, not to suggest that you will have the same experiences as the authors, but because we feel you have a right to make your own evaluation.

Government agencies would rather we withhold these stories from the public because, allegedly, they constitute “unproven medical claims”. However, as stated previously, the only claims we make are that this information is authentic and that the people who wrote them are real. Truth is not truth unless it is the “whole” truth, and these health success stories and scientific studies are just as much a part of the truth as any success story or scientific study experienced by orthodox medicine. Free men and women are entitled to have access to “all” the information available so they can make intelligent and informed choices in matters of their own health. Therefore, sharing these success stories is an exercise of our right to freedom-of-speech and your right to freedom-of-information.

The information contained in this research is intended for educational purposes only. All the products mentioned in this booklet are intended solely as food and dietary supplements to enhance general health and to reinforce the body's own defence mechanisms against disease. Please be informed that by providing you with this information we there is no attempt to diagnose, treat, cure, or prevent any disease. You should not construe anything in this research to be medical advice regarding any specific disorder. Before applying any therapy or product to your health problem, you may want to seek the advice from a health care professional. The Food and Drug Administration, the American Cancer Society, and the American Medical Association have labelled it “fraud” and “quackery”. And that's the purpose of this thesis to recall the words: “fraud” and “quackery”. So to give a scientific and true research meaning for the mankind.

HISTORICAL BACKGROUND OF VITAMIN B-17

In spite of the great advances in the diagnosis and treatment of malignant tumours, cancer continues to be one of the main causes of death in the highly industrialised countries. It is calculated that one out of three persons will eventually die from some form of cancer. Although it is true that surgery and radiotherapy are capable of curing some patients with localised tumours and that chemotherapy has achieved cures in some ten types of malignant tumours, the general mortality rate from cancer has not improved substantially in the last 25 years. Nearly 60 percent of all cancer patients, upon being diagnosed, find that their disease is so widespread that the chemotherapy drugs currently being used cannot be given in dosages sufficient to destroy the large mass due to their high toxicity. Many cannot be exposed to chemotherapy, surgery or radiotherapy because of the undesirable effects.

And there are several types of tumours for which there is no effective treatment yet known.

I am capable to present a vegetable agent whose anti-tumour action was known empirically for many years, but in the last thirty five years has been scientifically proven, primarily through the clinical studies directed by well respected metabolic physicians around the world. Among them are Dr. Ernesto Contreras Rodriguez, of the Oasis of Hope Hospital (Formerly Centro Medico y Hospital Del Mar at Playas de Tijuana, B.C.N. Mexico); Dr. Harold Manner of the Manner Clinic in Playas de Tijuana, Mexico; Dr. Hans Nieper, former director of the Department of Medicine at the Silbersee Hospital in Hanover; N. R. Bouziane, M.D., former Director of Research Laboratories at St. Jeanne d'Arc Hospital in Montreal; Manuel Navarro, M.D., former Professor of Medicine and Surgery at the University of Santo Tomas in Manila; Dr. Shigeaki Sakai, a prominent physician in Tokyo, Japan. In Italy there is Professor Ettore Guidetti, M.D., of the University of Turin Medical School; in Belgium there is Professor Joseph H. Maisin, Sr., M.D., of the University of Louvain where he was Director of the Institute of Cancer. And in the United States there are such respected names as Dr. Dean Burk, former head of the National Cancer Institute; Dr. John A. Morrone of the Jersey City Medical Center; Dr. Ernst T. Krebs, Jr., who developed Laetrile; Dr. John A. Richardson, the courageous San Francisco physician who challenged the government's right to prevent Laetrile from being used in the United States; Dr. Philip E. Binzel, Jr., a physician in Washington Court House, Ohio, who has used Laetrile for over twenty years with outstanding success; and many others from over twenty countries with equally impeccable credentials.

This anti-tumour agent is Vitamin B-17 (commonly known as Amygdalin or Laetrile). According to Dr. Ernest T. Krebs, Jr. its components make it vital for our survival without cancer. The greatest concentration is found in the seeds of the rosaceous fruits, such as the apricot pits and other bitter nuts. Various documents from the oldest civilisations such as Egypt at the time of the Pharaohs and from China 2,500 years before Christ mention the therapeutic use of derivatives of bitter almonds. Egyptian papyri from 5,000 years ago mention the use of "aqua amigdalorum" for the treatment of some tumours of the skin. But the systematised study of Vitamin B-17 really did not begin until the first half of the past century, when the chemist Bohn discovered in 1802 that during the distillation of the water from bitter almonds hydrocyanic acid was released. Soon many researchers became interested in analysing this extract and so Robiquet and Boutron isolated, for the first time, a white crystalline substance which they called AMYGDALIN (from amygdala = almond).

In the U.S. the Food and Drug Administration has used regulation, not law, to keep doctors in some states from using Laetrile therapy. There is no federal law against Laetrile, nor does Laetrile appear on an official list of proscribed items. The Food and Drug Administration has also used regulation, not law, to ban the interstate shipment and sale of Laetrile by alleging that it is either an "unlicensed new "drug" or an "unsafe or adulterated food or food additive". It is neither. Amygdalin is an extract of apricot kernels, which makes it a food supplement and nothing more. Vitamin B-17 was the subject of great controversy 18 years ago when some of the world's top scientists claimed that when consumed, its components make it 100% impossible to develop cancer and will kill existing cancer. Pharmaceutical companies pounced on this claim immediately and demanded that FDA studies be conducted.

Pharmaceutical companies conduct studies on patented chemicals they invent so that at the end of their study, if the drug gets approved, they have exclusive rights to its sale. They never conduct studies on foods that cannot be patented and that can be sold at any supermarket (e.g. vitamins).

Vitamin B17 As a Preventative

Vitamin B-17 is one of the main sources of food in cultures such as the Eskimos, the Hunzas, the Abkassians and many more. Did you know that within these tribes there has never been a reported case of cancer?

According to Dr. Krebs, we need a minimum of 100 mg of vitamin B-17 (the equivalent of about seven apricot seeds) to nearly guarantee a cancer free life. Foods that contain vitamin B-17 are as follows:

- **KERNELS OR SEEDS OF FRUIT:** The highest concentration of vitamin B-17 to be found in nature, aside from bitter almonds. Apple, apricot, cherry, nectarine, peach, pear, plum, prune.
- **BEANS:** broad (*Vicia faba*), burma, chickpeas, lentils (sprouted), lima, mung (sprouted), Rangoon, scarlet runner.
- **NUTS:** Bitter almond, macadamia, cashew.
- **BERRIES:** Almost all wild berries. Blackberry, chokeberry, Christmas berry, cranberry, elderberry, raspberry, strawberry.
- **SEEDS:** Chia, flax, sesame.
- **GRASSES:** Acacia, alfalfa (sprouted), aquatic, Johnson, milkweed, Sudan, minus, wheat grass, white dower.
- **GRAINS:** oat groats, barley, brown rice, buckwheat groats, chia, flax, millet, rye, vetch, wheat berries.
- **MISCELLANEOUS:** bamboo shoots, fuschia plant, sorghum, wild hydrangea, yew tree (needles, fresh leaves).

According to Dr. Krebs, the basic concept is that sufficient daily B-17 may be obtained by following either of two suggestions:

First, eating all the B-17-containing fruits whole (seeds included), but not eating more of the seeds by themselves than you would be eating if you ate them in the whole fruit. Example: if you eat three apples a day, the seeds in the three apples are sufficient B-17. You would not eat a pound of apple seeds.

Second, one peach or apricot kernel per 10 lbs of body weight is believed to be more than sufficient as a normal safeguard in cancer prevention, although precise numbers may vary from person to person in accordance with individual metabolism and dietary habits. A 170-lb man, for example, might consume 17 apricot or peach kernels per day and receive a biologically reasonable amount of Vitamin B-17.

Certainly, you can consume too much of anything. Too many kernels or seeds, for example, can be expected to produce unpleasant side effects. These natural foods should be consumed in biologically rational amounts (no more than 30 to 35 kernels per day).

High concentrations of B-17 are obtained by eating the natural foods in their raw or sprouting stage. This does not mean that moderate cooking and other tampering will destroy the B-17 content. Foods cooked at a temperature sufficient for a Chinese dinner, for example, will not lose their B-17 content.

Metabolic Therapy in Cancer

In recent years a significant reassessment of the nature and causes of cancer has taken place. Cancer was formerly believed to be a localised disease, characterised by a lesion, usually in the form of a growth, which appeared at some specific part of the body. This Localised lesion was thought to be the result of activity produced by an invading virus, carcinogenic agent or some form of trauma such as a blow.

Today, there is a growing conviction among researchers and physicians that cancer is a complex disease that is the end result of a disturbed metabolism (body chemistry). It is an insidious disease that involves the entire body; the nervous system, digestive tract, pancreas, lungs, excretory organs, endocrine system, and the entire defence mechanisms. The frequent reoccurrence of a malignancy after treatment with the conventional methods of surgery, radiation and/or chemotherapy results because the basic underlying metabolic cause of the cancer is rarely considered and consequently remains uncorrected.

The truth is that in human body there are many

thousands of cells that are arrested, during development, at an embryonic stage. These cells are called mesenchymal cells, fibroblasts, neoblasts, etc. Their primary function is repair. When a bone is broken, these cells are able to transform into bone cells. If blood is lost, these same cells are able to transform into blood cells. They are truly pluripotent and can react to any number of morphogenetic stimuli. These same cells, when subjected to carcinogens (cancer-causing chemicals) develop into cancer cells. Each day, in every human being, large numbers of these normal embryonic cells become cancerous. They rarely, however, become the diseases that we call cancer due to a remarkable system called the immune system. The function of this system is to destroy or neutralise all foreign material in the body. Once an embryonic cell becomes a cancer cell it is, from a biochemical view, foreign to the body. We, therefore, continue to remain healthy because the lymphocytes, macrophages, and other components of the immune system are able to neutralise or destroy these cells and prevent their spreading and multiplication. These cancer cells are normally destroyed by our body's defence mechanisms within a few hours.

If the immune system, however, is weakened from poor nutrition, excessive environmental pollutants or continuing debilitating stress, the cancer cells are uninhibited and will multiply rapidly forming the symptomatic "growth" of cancer. Our immune system generally weakens with advancing age. This increases the possibility of degenerative metabolic diseases occurring. One of the primary objectives of all metabolic therapy is to revitalise the body's immune system and to restore it to a fully functional condition. Accomplishment of this goal permits the immune system to eliminate or otherwise negate the cancer cells before they can begin an invasive growth.

Metabolic Physicians and researchers believe that we can remain healthy if we supply the individual cells of the body with the proper amounts of oxygen, nutrients, enzymes, minerals, amino acids, and other essential nutrients from both our diet and nutritional supplements. Of equal importance is the ability of the body to eliminate the waste products of cellular metabolism through proper bowel movements, efficient breathing, normal excretion, etc. Treatments must be provided which will help the body detoxify itself by eliminating harmful pollutants. This, in essence, is the heart of metabolic therapy. It is a multi-faceted program incorporating numerous related elements, each of which plays an important role in the success of the complete therapy.

ECONOMIE & COMMUNICATION: L'ÉTHIQUE COMME MESSAGE DE MARQUE



Dr. Richard Dessard, PhD

Message de marque, cette notion ne se trouve dans aucun ouvrage de relations publiques ni de marketing. C'est l'une des notions les plus chères au cœur de Nicolas Hayek, fondateur du groupe horloger suisse Swatch, qui a toujours veillé à ce que son groupe et ses 18 marques véhiculent le message de marque le plus adéquat possible. Mais de quoi s'agit-il de plus que la notion habituellement utilisée d'image de marque?

Au Massachusetts Institute of Technology de Boston, Nicolas Hayek donna l'explication suivante quant à la différence entre l'image et le message de marque. Un homme, son épouse et un ami homosexuel regardent dans un journal la photo d'une femme très jolie et très sensuelle. Si l'homme aura spontanément l'envie de faire sa connaissance, son épouse lui dira qu'il est aussi stupide que tous les autres hommes car il ne voit même pas que la femme est une fausse blonde, souffre de strabisme et s'est faite siliconée la poitrine. Elle rejettera totalement l'image de la femme. Quant à l'ami homosexuel, il trouvera dégoûtant que l'on montre ainsi une femme comme s'il s'agissait d'une vache laitière.

Si l'on veut que l'image de cette femme touche les trois personnes cela représente donc un sérieux problème. La solution serait donc de faire appel à la jeune femme en personne pour lui demander de se présenter et de s'exprimer en tant que personne. Elle ne doit pas débiter n'importe quelle stupidité qui en plus serait un mensonge tel que "Coca-Cola est la meilleure boisson au monde". Le message doit être positif, chaleureux, vrai à 100% et immédiatement perceptible comme tel. La femme ne doit pas non plus être superficielle car rien n'est pire que des personnes belles et stupides à la fois. Si tout se passe ainsi, l'homme va non seulement trouver la femme érotique

mais également chaleureuse, intelligente et honnête, il désirera donc réellement faire sa connaissance. Si son épouse n'est pas pathologiquement jalouse, elle va aussi se dire que cette femme est honnête, qu'elle a de l'esprit, de la personnalité et qu'elle pourrait devenir son amie. Quant à l'ami homosexuel, il va également changer d'avis et se dire que cette femme n'y peut rien si elle est jolie et sensuelle et comme elle fait preuve également d'intelligence, de chaleur et aussi d'honnêteté, il aurait sans doute plaisir à discuter avec elle.

Cet exemple, certes un peu caricatural, explique bien la différence entre image et message et montre à quel point il est important qu'un produit communique des valeurs. Ce n'est pas l'image immobile et statique qui est importante mais le message. Même si les agences de publicité et de nombreux professeurs en marketing qualifient encore l'image de marque en tant que meilleur critère publicitaire, Nicolas Hayek a formellement interdit l'usage de cette notion dans le groupe Swatch la remplaçant par le message de marque.

Et tant sur le plan personnel que corporate, Nicolas Hayek a toujours veillé à délivrer au grand public les meilleurs messages qui soient. Ce n'est d'ailleurs pas pour rien qu'il communique autant sur les nombreuses créations d'emplois, sur l'histoire de la société, sur l'importance de la créativité, etc. Nicolas Hayek a également toujours veillé à ce que l'éthique soit au centre même de son entreprise s'inspirant peut-être de l'éthicien Albert Schweitzer qui dit que "l'éthique est la reconnaissance de notre responsabilité élargie à l'infini". L'on peut citer comme exemple un épisode s'étant passé au début de la très controversée seconde guerre du Golfe, déclenchée par George W. Bush.

Le Conseil Fédéral avait rappelé que la Suisse était un pays neutre et décrété un embargo sur toutes les livraisons d'armes. Mais Nicolas Hayek avait alors été informé par la direction de Micro Crystal, une des sociétés du groupe qui produisait des quartz non seulement pour les montres électroniques, mais également à d'autres fins comme pour des téléphones portables, que parmi ses clients se trouvait une société américaine. Celle-ci utilisait ces quartz pour les systèmes de pilotage intelligents, ce qui signifia que les Cruise Missile, pouvant atteindre une cible avec grande précision, étaient partiellement pilotés par une production du groupe Swatch. Il ordonna alors à la direction de Micro Crystal de stopper la livraison de quartz car, non seulement cela serait illégal mais, de plus, Nicolas Hayek ne voulait pas être producteur d'armes et n'aurait à titre personnel jamais accepté un tel contrat.

Cette décision a provoqué un véritable tollé au Pentagone et à l'ambassade américaine de Berne et le Secrétaire d'État à l'Économie reçut alors de fortes pressions l'amenant à pousser le groupe à reprendre les livraisons. La presse américaine s'est également emparée de l'affaire, la Suisse devenant selon eux un ennemi des USA, responsable de la mort de leurs soldats, alors que les Américains avaient assez de missiles pour au moins trois années de guerre. Les médias firent aussi pression sur l'ambassadeur suisse à Washington et lorsque celui-ci expliqua qu'il s'agissait bien d'une décision personnelle de Nicolas Hayek et non pas du gouvernement suisse, ils inondèrent l'attachée de presse du groupe. Nicolas Hayek prit alors la décision de communiquer directement expliquant son refus des livraisons puisque la Suisse est un état neutre. Un journaliste de Chicago écrivit même à l'époque que "les Suisses étaient des gens stupides car leur neutralité était dirigée non seulement contre les méchants mais aussi contre les bons". Nicolas Hayek reçut peu après les réponses à des lettres qu'il avait adressées à Joseph Deiss, alors président de la Confédération Helvétique et à Micheline Calmy-Rey, conseillère fédérale chargée des Affaires étrangères expliquant que les quartz seraient uniquement destinés à des fins civiles et demandant de débloquer la livraison.

Nicolas Hayek débloqua alors la livraison, respectant les instructions des autorités helvétiques mais rompit le contrat avec la société américaine dans la même semaine, ce qui était possible selon les clauses contractuelles. Cette affaire rendant bien évidemment sceptique le fondateur du groupe Swatch quant au nouvel ordre mondial où, comme le dirait Jean de la Fontaine, la raison du plus fort est toujours la meilleure...

Néanmoins tout ce tapage médiatique a permis au groupe Swatch de délivrer de grands messages de par le monde: ne pas être prêt à tout pour avoir de l'argent, respecter ses idéaux, ne pas céder aux lobbies de plus puissants que soi. Le chiffre d'affaires du groupe a d'ailleurs augmenté dans les nombreux pays d'Europe qui étaient opposés, ou dont la population était opposée à cette guerre, jugée par beaucoup comme un conflit dont le seul intérêt était pétrolier et économique. L'on peut considérer que le message perçu par les acheteurs était que Swatch est une entreprise qui mérite que nous achetions ses montres. Bien évidemment sur le plan interne, cela a également donné un sentiment de fierté et d'appartenance, alimentant la déjà très riche culture d'entreprise du groupe.

Sur le plan personnel aussi Nicolas Hayek a toujours voulu laisser paraître le message de quelqu'un de simple, de créatif mais sans prétentions. Lors du lancement

de la Swatch en plein hiver, des queues se formèrent dans les différentes villes suisses dès 4 heures du matin pour pouvoir se procurer la nouvelle montre révolutionnaire. Et dans la file se trouvaient également Marianne et Nayla Hayek, l'épouse et la fille du créateur de la montre ce qui fit les gorges chaudes des médias, notamment du tabloïde alémanique le Blick, surtout lorsque le journaliste demanda à Marianne de tirer hors du lit son mari et que celle-ci répondit par la négative, tout simplement parce qu'il dormait. Nicolas Hayek avait voulu que tout le monde soit logé à la même enseigne et que le lancement se fasse pour tous en même temps, même s'il s'agissait d'amis ou de membres de sa famille. Ce genre de message, aussi léger et futile puisse-t-il paraître, amène au public un sentiment de confiance, de constance et de pérennité envers une entreprise et son chef qui en est l'incarnation.

Comprendre les attitudes, les cultures et les croyances des consommateurs est très important dans toutes les actions de communication que l'on veut lancer que celles-ci concernent plus la publicité ou les relations publiques. D'ailleurs Nicolas Hayek ne s'y trompe pas et a réussi à émouvoir la population grâce à ses montres, c'est à dire à susciter des émotions telles que la provocation envers la société, le sentiment et la fierté d'acheter un produit de qualité, la satisfaction aussi de pouvoir acheter un produit dont on connaît l'histoire, dont on sait d'où il vient et où il est produit. Car l'horlogerie helvétique est chargée d'histoire et c'est un élément qu'il ne faut pas négliger dans la communication et la perception que le public a de la montre suisse.

En 1541, le réformateur Jean Calvin, à l'origine du Calvinisme, installé à Genève poussa les autorités à bannir le port d'objets ornementaux. Les orfèvres et joailliers de la région se tournèrent alors vers d'autres produits dans laquelle ils pourraient exercer leur art tout en respectant la loi, c'est alors qu'est née l'horlogerie suisse si réputée encore à l'heure actuelle. En 1601 déjà, fort de cette réputation, est née la "Maîtrise des horlogers de Genève". Les horlogers commencèrent peu à peu à quitter Genève et imposèrent leur art jusqu'à Schaffhausen en passant par Neuchâtel et Bienne. L'expansion de l'industrie fut en partie due à l'innovation de l'établissage, qui divisait le travail de fabrication en petites unités spécialisées et indépendantes pour réunir l'ensemble des pièces au dernier moment afin de finaliser le produit.

Les petites pièces étaient alors réalisées par les agriculteurs, en complément de leurs activités principalement durant l'hiver.

Vers les années 1800 ce sont les familles des villes qui ont repris ces activités. L'horlogerie est donc depuis des siècles un élément très important de l'histoire, des familles et des traditions en Suisse. Un autre exemple est la ville de La Chaux-de-Fonds dans le canton de Neuchâtel qui, après un incendie la détruisant, fut entièrement reconstruite pour l'industrie horlogère. Avec son plan en damiers, l'un des idéaux de la ville était, grâce au système du Sonnenbau, que les ouvriers et patrons horlogers disposent du même ensoleillement dans des quartiers où ils étaient d'ailleurs mêlés. Cette ville est d'ailleurs entrée au patrimoine mondial de l'UNESCO en 2009 pour son patrimoine urbanistique horloger et témoigne de l'importance de cette industrie dans la culture helvétique.

Nicolas Hayek s'est donc logiquement servi de l'histoire et de la réputation de l'horlogerie suisse pour toutes ses actions de communication autour de ses montres. D'ailleurs comme le montre le message de lancement de la Swatch 'Suisse - 60 DM', il a toujours mis l'accent sur l'origine suisse de la montre. On retrouve cela dans les logos de la marque ainsi que du groupe. D'ailleurs tout le monde comprend aisément que le nom de Swatch et la simple contraction des mots Swiss et Watch.

Nicolas Hayek a toujours plaidé pour un renforcement du label officiel Swiss Made qui est apposé sur les montres suisses d'une réputation exceptionnelle dans le monde entier. Actuellement, pour obtenir ce label il faut notamment que 50% au moins du coût de fabrication soient représentées par les opérations effectuées en Suisse. Mais le groupe Swatch, et actuellement Nayla Hayek, qui est la présidente du conseil d'administration du groupe, souhaitent que cette barre soit placée à 80% du coût de fabrication. Cette décision a d'ailleurs été soutenue par une très large majorité des marques faisant partie de la Fédération horlogère suisse même si certaines préféreraient voir la barre placée plutôt à 60%. Et ce afin d'éviter d'une part que le label perde de sa valeur à cause des sociétés produisant la moitié de leurs montres dans des entreprises moins rigoureuses à l'étranger mais aussi pour assurer de la clientèle aux nombreuses PME suisses. En effet, le nombre de commandes auprès de celles-ci sont depuis 2012 en perte de vitesse, quelques-unes envisageant même une réduction de leurs effectifs. Reste maintenant aux instances de la confédération à réussir à faire appliquer ce projet car de nombreux partenaires, notamment européens y sont largement opposés.

La qualité d'un produit n'est pas qu'un élément de communication externe, il l'est aussi au plan interne. Car dans la société actuelle où les appareils à l'obsolescence

programmée sont de plus en plus nombreux, les employés ressentent une réelle fierté et fidélité aux produits auxquels ils collaborent s'ils peuvent croire en eux et aussi en la direction de l'entreprise. Apple par exemple est connu pour vendre des produits à la durée de vie limitée, auxquels par exemple on ne peut remplacer la batterie. Frustrés par ces produits, certains employés ont décidé de quitter l'entreprise pour fonder iFixit, une société visant à aider les consommateurs à pouvoir réparer eux-mêmes leurs produits défectueux afin de ne pas devoir racheter, l'on voit comme la qualité est un outil primordial de confiance.

En plus de la qualité, l'histoire et les origines d'un produit peuvent être un argument intéressant pour l'acheteur. D'ailleurs de nombreuses entreprises ou marques indiquent la mention Since accompagnée de la date d'origine de l'entreprise pour assurer un gage de stabilité et de confiance dans une entreprise disposant d'une longue expérience. On peut également prendre l'exemple de la réputation du chocolat belge qui est comparable de par le monde à celle des montres suisses et dont les boutiques s'implantent de plus en plus entre les USA, la Chine et les Émirats Arabes Unis. C'est pour cela qu'outre la valeur suisse que le groupe Swatch espère à tout prix renforcer, nombreuses sont les marques du groupe qui ont utilisé l'aspect historique pour susciter l'intérêt, l'admiration et l'envie de connaître ces marques, cela est comparable à la femme sensuelle citée dans l'exemple au MIT de Boston par Nicolas Hayek, il ne suffit pas que la montre soit belle pour que l'on ait envie de la découvrir et **éventuellement de l'acheter.**

Nicolas George Hayek, né à Beyrouth (Liban) en 1928 et décédé à Bienne (Suisse) en 2010 fut le patron du groupe Swatch qu'il fonda en 1983. Ce Libanais de confession chrétienne orthodoxe s'installa en Suisse en 1949 après des études à l'Université de Lyon (France). Il est considéré par beaucoup comme le sauveur de l'horlogerie suisse.

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TRADITIONAL AND AYURVEDA MEDICINE IN SRI LANKA



Prof. Hettige M, PhD, (A.M.) B.A.M.S.(Hon)AY
M. Ac. F

Traditional medicinal Treatments in Sri Lanka dates back to the pre Aryan civilization and it goes back as far as the 3rd century before Christ .The earliest systems of Medicines which functioned before the introduction of Ayurveda was the indigenous systems of Medicine in Sri Lanka. This could be proved by taking into consideration the archeological inscriptions, Ola leaf manuscripts and the ancient historical writing namely Mahawansa and Chulawansa in Sri Lanka. However the archeological findings reveal that the standards of health services maintained in the ancient past are highly commendable, and were in keeping with modern concept of primary health care, which illustrates instances and examples of treatments even before Buddhism was introduced to Sri Lanka by Rev. Mahinda son of great king Asoka of India. Sri Lankans had practiced Traditional Medicines and thereafter with the introduction of Ayurveda Medicines, it got mixed up with our traditional Medicinal systems and they are practiced very widely today. However the Ayurveda treatments have not forgotten the traditional medical systems and they are embedded in Ayurveda.

Indigenous Medicine and Ayurveda is a science of life and the system had come in being over 5000 years ago in India and further mentioned in Atharva Veda of the four Vedas. The term Ayurveda is coined by two Sanskrit words, they are Ayu and Veda. AYU means all aspects of life from birth to death. Veda is scientific knowledge and it is not a kind of treatment for the deceases of beings. It consists of health promotive Medicine, preventive Medicine, health protective Medicine, as well as curative Treatments.

According to Ayurveda consists of a logical theory which explains human anatomy and about human physiology.

Human anatomy consists of Panchabhuta , Saptadhatu , Srothas , and three Malas. Panchabhuta consists of Pruthuvi , Apo, Thejo , Vayo, and Akash . I.e. earth, water, fire, air and ether. Saphthadhathu are Rasa, Raktha, Mansa, Medus, Asthi, Majja, and Sukra. Sorthas are the thirteen main channels inside the human body.

Next comes to the physiological aspect of the human body. Where the treatment aspects give highest prominence and it is named Tridosha theory. The Tridoshas are Vata , Pita, Kapa. These three controls the entire functions of the human body, and these three doshas have their own definite quality, quantity and functions. When they are in normal balance they attain to different functions of the body, mind and spiritual and follows the maintenance health of the human body. Rejuvenating and purification (Detoxification) are done by Ayurvedic Medicines. All foods, behaviors, thoughts and Ayurvedic Medicines would increase or decrease or neutralize the mental and physical Doshas. Vata dosha - initiate and promote biological activities and is responsible for all functions and movements of the body. It controls the utilization of energy by cells and organs for all metabolic activities. Pitha is the responsible for generation of heat, energy and all biochemical reactions and metabolisms. Kapha constitute of cellular and intercellular stability of the body and it provides nutrition to the tissues, and strength. If these three Doshas are not in a state of absolute position of balance in the body it produces the cause of diseases. Thus Ayurveda explains all physiological psychological pathogenesis of diseases, signs and symptoms by this theory of Tridoshas.

In Ayurveda classification of diseases is three fold, they are Nija, Aganthuja and Karmaja, and accordingly they are Manasika roga and Sharirika roga that is the treatment on the classification, correct diagnosis and prognosis which depends on the patient's internal physiological and mental hallucination.

Ayurveda places a fairly high consideration to the patient than the deceases.

The examination of the patient mainly is of two types, they are Roga pariksha and Rogee pariksha, namely the examination of the deceases and the examination of the patient. In Ayurveda there are three ways to reach to diagnose the diseases.

- Pratyaksha – perception
- Aanumana – inference
- Aphopadesa – Experience

According to Sri-Lanka history book of Mahawansa medical cures for all deceases prevalent during ancient times and some are followed even today and Three hundred and twenty one medical Ola leaf books in Sri-Lanka and British Museums are good examples for the Traditional Medicine.

In Traditional Medicines Therapeutic agents for curing of deceases are mostly by herbal preparations. Along with Ayurveda there are Siddha as well as Unani medicines which have been developed in Sri- Lanka. Sddha Medicine have been gifted to us from India, and Unani system has left its imprints through Arabs who came to Sri Lanka for trade. The Muslim community use Unani almost exclusively and Siddha system is popular among the Tamil community in the globel. Although Sri Lanka inherited a glorious history of Indigenous Medicines from pre historic times and expanded and developed independently on its own way. It is practice as a Traditional process from father to son. There is a very high degree of specialization in areas such as fractures, dislocations, ophthalmology, etc. some of these traditional treatments are as follows.
Esvedakama – Ophthalmology

Gedi vana vedakama – Treatment of Tumors and carbuncles

Sarpa visha vedakama - Serpent Toxicology

Pissu balu vedakama - Hydrophobia Treatments

Vidum pilissum vedakama - A system similar to Acupuncture and Moxibaction

Kadum bidum vedakama - Treatments for fractures and dislocations

Nelavedakama - Smiler to the Acupressure

Ayurveda Medicine developed into eight well defined specialized branches as follows.

1. Kaya Chikitsa - Internal Ayurveda Medicines
2. Kaumarabritya - Pediatrics
3. Graha Chikitsa - Psychological Medicine
4. Urdwanga Chikitsa - Shalakyia Tantra (Otorhinolaryngology and Ophthalmology)
5. Shalya Tantra - Surgery (both General and Special)
6. Agada Tantra - Toxicology
7. Rasayana Tantra - Geriatrics
8. Vagikarana Tantra - Science of Eugenics and Aphrodisiacs

In the year 1961 an Act of the Parliament of Ceylon bearing no. 31 had been passed to establish Ayurveda Medicines along with Sri Lankan Traditional Medicines, Ayurveda, Siddha and Unani. Today Ayurveda has be-

come more and more popular and the entire human beings in the world accepts these systems. The world health organization (WHO) has done a detailed study of all these Medical system and drafted guide lines on safety in naturopathy health care inclusive of all herbal medicines. The tributes paid to the practice of Traditional Medicine in Sri Lanka by Western writer Robert Knox is an evidence that practice of Traditional Medicine moved on uninterrupted even after the advent of Portuguese and Dutch in Sri Lanka.

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