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Medicinal Microbiology

Elimination of Pathogenic Bacteria, Fungi, Parasites, Viruses and Tumour Cells by Oxygen and Bitter Drugs

Introduction

The human body provides perfect growing conditions for a great variety of non physiological parasites. Through a constant supply of all nutrients and body heat they live in an ideal environment. Normally they are kept under control by a vitally acting immune system not giving any cause for symptoms or diseases. There exists a natural balance between the vitality of the host and of the parasites, giving both beings optimal living conditions. This equilibrium will be disturbed by the host if its vitality and powers of resistance are reduced or decrease with aging. Soon the parasites will get the upper hand, the host's condition will deteriorate. Of course there are many reasons for endogenous injury of the host. Exogenous causes must be considered as well e.g. noxae from the environment against which man cannot summon adequate resistance in time as in the case of acute infection by germs in tropical regions or in case of food poisoning. Therefore, if acute infection is not controlled quickly, it may become chronic with subsequent symptoms, sometimes accompanied by vague feelings of ill health as with borreliosis, for example.

The required treatment consists of the prescription of antibiotics. This has at least two drawbacks. Firstly, the selection of the intestinal bacterial flora, meaning the composition of the intestinal bacteria is changed from physiological resulting in digestive problems, alteration of the environment, decrease in physiological biocides, proliferation of fungi such as candida, irritation of the immune system associated with the colon . Secondly, the formation of antibiotic-resistant germs.

An alternative therapy can now be applied by using oxygen in the form of ozonides - not ozone - and amaroids. This therapy is especially effective against all kinds of germs which, whether by choice or necessity, live in anaerobic conditions but is less effective with aerobic germs. So the appropriateness of this treatment must be evaluated and tested in every single case and this is the challenge for therapists. They must have a sound knowledge of medicinal microbiology, blood diagnostics and immune parameters, possibly with some knowledge of kinesiology, electronic acupuncture and bioresonance methods.

Modern man is characterized by his extreme mobility. Millions of individuals are travelling around the world all the time. Transportation of foodstuffs from tropical regions provides the opportunity for the widespread growth of germs and offers new routes for their proliferation as well. The healing professions are confronted by increasing numbers of patients with infections. All the more important is profound knowledge about infectious germs including exotic ones, also physiological germs which become pathogenous as a result of side effects of

drugs or through inappropriate behaviour or poor mental state of the patient (bad nutrition, poor air quality, lack of exercise, stress, fears, depression, disharmonious or hostile relations), which is always paralleled - to a greater or lesser extent - by a reduction in their immune system's capacity. The therapist needs to know about symptoms and diseases in order to make a decision on treatment. On the diagnostic side, testing methods such as kinesiology and bioresonance are gaining in importance because the microbiological determination of germs is difficult, time-consuming and expensive.

For the purpose of accurately diagnosing illness due to infection, the organic signs of illness, properties of the germs, the different kinds of immune system reactions and the analyses of blood cell and immune parameters, advice on conservative therapy, special publications on medicinal microbiology should be consulted.

1. Bacteria living in anaerobic conditions, whether by choice or necessity

Staphylococcus
Clostridium
Actinomyces
Escherichia
Klebsiella
Salmonella
Vibrio
Bacteroides
Neisseria
Haemophilus

For completeness, aerobic bacteria

Streptococcus	Campylobacter
Enterococcus	Bordetella
Corynebacterium	Brucella
Bacillus	Legionella
Listeria	Treponema
Mycobacterium	Leptospira
Nocardia	Borrelia
Proteus	Mykoplasma
Shigella	Rickettsia
Pseudomonas	Chlamydia

2. Oxygen-sensitive fungi

Candida
Cryptococcus
Histoplasma

For completeness, aerobic fungi

Dermatophytes
Epidermophyton
Microsporum
Trichophyton
Sporothrix
Penetrating fungi

Aspergillus flavus, A.niger
Blastomyces
Coccidioides
Pneumocystis

3. Parasites

Protozoa (single cells)

Cryptosporidium
Entamoeba
Giardia
Leishmania
Plasmodium
Toxoplasma
Trichomonas

Metazoa (multiple cells)

Helminthi
Taenia
Clonorchis
Paragonimus
Schistosoma
Nematoda
Enterobius
Filaria
Ancylostoma
Necator
Strongyloides
Toxocara
Trichinella
Trichuris

4. Viruses

Parvo
Papova
Herpes
Adeno
Hepadna
Picorna
Orthomyxo

Toga
Flavi
Retro
Rhabdo
Arena
Reo (Rota)
Corona
Priones

5. Tumour cells

During the course of a research project sponsored by the world's largest foundation for natural healing - Karl und Veronica Carstens Foundation - the reactions of certain tumour cells were tested when they had contact with ozonides. The interesting result was a provoked apoptosis, i.e. genetically programmed cell death. The remarkable fact is that apoptosis took place even when the cancer protection gene p53 was present in the cells. Normally this gene protects the cell from being destroyed by immune factors. Normal cells are also lead into apoptosis but with a lower rate of reaction. So cancer cells can be targeted for destruction. Other cell activities were studied in numerous experiments in order to find some other kinds of pharmacological reactions, but no other reactions were found. So apoptosis is the only reaction which plays an important role. Cell death by apoptosis is welcome because the cells are erased without any inflammation reaction in the body.

So ozonides are not only effective against bacteria, fungi, parasites and viruses but also against tumour cells. These cells are formed day by day in the human body and are normally removed by the immune system. Like germs, cancer cells have a chance to survive where physical or psychological health is disturbed. By absorbing ozonides the immune system is

also supported in its fight against cancer cells. However there are no clinical studies of this aspect up to now.

OZONIDE REMEDIES

DESCRIPTION OF RIZOL MEDICINES

There are 3 versions of ozonide remedies, named Rizol, which are all broad range, non-specific antibiotics based on vegetable oils, ozone and medicinal plants:

1. Rizol-Alt (Base substance produced from olive oil and castor oil in a special process which avoids the formation of toxic peroxides, the effective substance is called "long chain ozonide" (LCO). In a recent study, Rizol-Alt was proved to be non mutagenic, a very important result because LCO is a very convenient means for medically treating numerous infections. This study was based on OECD guidelines using mouse lymphoma cells as the target. Rizol-Alt does not attack the mitochondria of the human cells, so that the energy metabolism is unaffected.

Rizol-Alt is fungicidal to *Candida*, *Trichophyton* and toxic to bacterial species, especially those growing strictly in anaerobic media such as *Clostridium*. *Clostridia* cannot be tolerated in the human body. Unfortunately *Clostridia* are necessarily resident in the human colon, they appear in increasing amounts when persons become older.

2. Rizol-Neu is formed by adding geranium oil and mint oil to Rizol-Alt. The advantages are pleasanter smell and taste, better dosage of drops, and broader efficacy against pathogenous germs.

3. Para-Rizol is formed by adding caryophyllis (clove) oil, juglandis (walnut) oil and absinthium (wormwood) oil to Rizol-Alt. This composition gives a very strong drug.

If other means no longer work against bacteria, fungi and parasites due to resistance or immune system deficiency, Para-Rizol may overcome the germs and attack and remove parasites. All three added extracts are described as anti-parasitic in old and new drug literature, confirmed by experience with Para-Rizol. In a laboratory test a concentration of 2.0 mg/ml Para-Rizol destroyed 99 % of *Schistosoma mansoni* cercaria, the cause of bilharziosis, whereas 10.0 mg/ml Rizol-Alt was needed to destroy 100 %.

General:

In comparison with drug powders (Nystatin, leaf powders etc.) Rizol is an oily liquid which may be used as such on the skin. If used on the mucosa or internally, it must be mixed with water because it is not a harmless drug. Only one side effect is known: LCO is able to enhance the oxidation burst of lymphocytes. If an inflammation is already underway, it will be intensified, causing pain. On the other hand, by incorporating 1 drop only in water, Rizol can indicate the existence of an inflammation process if pain occurs. In this case, the patient has to be diagnosed carefully because he definitely has serious problems of which maybe he and his doctors were unaware.

Due to its oily consistency and perfect adsorbing (moistening) properties Rizol is able to penetrate small wrinkles of the skin and of the mucosa, even in the intestine. Mixed with water it gives an emulsion which is stable for some hours, time enough to penetrate the intestine. It has capillary action and readily moistens surfaces whereas powders and hydrophobic drugs are not able to.

Use of Rizol:

In principle, a tolerance test should be conducted with very small amounts, especially if a person is supposed to suffer from allergic reactions. Do not use near the eyes.

1. External: both pure oil and water mixture possible.

> Fungi on the skin, eczema. Apply daily for 3 weeks to 3 months.

> Fungi of the nails: pure oil 3 to 6 months or longer, depending on persistence. Moisten twice daily.

Warning: no version of Rizol should be used around the eyes.

2. Internal: for internal use, Rizol must be mixed with water, 1 to 10 drops in 100 g water.

A) Hygiene of the mouth, throat, infection of tonsils, of gums. Efficacious against aerobic and anaerobic germs in mouth. Cleans sinuses when Rizol-Neu is inhaled from a bowl of hot water or when 2 drops are put onto the nasal mucous membrane with cotton buds.

B) Mycosis of the vagina. Water mixture may cause smarting, but after a couple of days of repetitive usage, smarting decreases due to healing. Gut and colon should be cured.

C) Fungi in the intestine (gut, small intestine), especially in the colon. Rizol works against flatulence causing fungi as well as putrefactive bacteria in the colon. Rizol-Neu is stronger than Rizol-Alt, Para-Rizol is much stronger against bacteria and fungi than Rizol-Neu. Dosage must be individually, ranging from 3 times 1 drop daily in water up to 3 times 15 drops in water before meals for 10 to 90 days.

D) Para-Rizol works against parasites (of course against bacteria and fungi too).

Rizol may be put in capsules, available from any pharmacy.

A tolerance test is obligatory. In case of pain, usage must be stopped; water and medical charcoal given. Patient must then be diagnosed for cause of pain. A process is definitely active, in which case Rizol has done its work as indicator.

Explanation of the antitoxic effect:

A low concentration of oxygen must always exist in the colon. Oxygen levels decrease from the stomach towards the colon, but may never reach zero. If so, strictly anaerobic bacteria, such as clostridia, will proliferate producing toxic metabolic substances such as ammonia, biogenic amines, sulphur compounds, mutagenic and carcinogenic substances. If the small intestine is colonised by bacteria from the colon, the bile acids are no longer resorbed in the lower part of the small intestine, thus penetrating the colon where they will be converted to carcinogenic substances by strictly anaerobic bacteria. High numbers of Clostridia are not to be tolerated. They should always be regarded as potent toxin generators. So microbiological analysis of the stool sheds most light on the state of the intestine.

Removing strictly anaerobic, toxic bacteria from the colon is best done by giving an enema, using 5 g Rizol in 100 g water.

Additional effects of Rizol on the intestine:

A) It is able to cure constipation due to its oily consistency. (Constipation cannot be tolerated for many reasons).

B) It is able to draw the pH down to 6.5. (Alkaline pH in the colon provides the basis for proliferation of toxic bacteria).

C) It is able to change non physiologically anaerobic regions due to the release of small

amounts of oxygen, a unique property of Rizol, in order to remove the breeding ground for toxic bacteria.

When diluted, Rizol-Alt, Rizol-Neu and Para-Rizol were able to relieve pruritus even in cases of neurodermatitis.

Results of treatment:

Up to now Rizol has been prescribed by 200 therapists in Germany. The number is increasing and it has been used by about 5000 patients over a 5 year period. Results can be summarized as follows:

Tolerance:	27 % very good.	Positive effect:	37 % healing.
	53 % good.		39 % on way to recovery.
	2 % neutral.		14 % no effect.
	7 % not good.		1 % unwanted effects.
	10 % not tolerated.		9 % application abandoned.

This means that in 80 % tolerance was good to very good, healing or recovery occurred in 76 % of all cases.

Para-Rizol is the most effective drug; the effectiveness is based on the unique combination of the ingredients. It is able to remove parasites even from internal organs.

2 case studies:

Recently a doctor suffered from bronchitis for 3 months. It could not be cured by any means. Then he took 3 tablespoons of Para-Rizol in water for 7 days and the disease vanished.

On the other hand a woman took 15 drops 3 times a day from the first day on. She got eruptions and blisters on her hands and arms so she could not continue her work as a cosmetician for 2 weeks. The dosage was too high in the beginning and she experienced strong elimination of toxins through the skin. Para-Rizol triggers the release and output of toxins in the entire body, so dosage must begin carefully, 3 times 1 drop only, in water, before meals. If tolerated, the dosage may be increased up to 3 times 10 or 12 drops, in certain cases even higher.

Due to its unique properties Para-Rizol is going to replace Rizol-Alt and Rizol-Neu. Most doctors use only Para-Rizol.

Indications for Para-Rizol:

Diagnosis of Candida and other fungi, parasites

Pathogenous bacteria such as Clostridia in the intestine

Paradontosis

Hygiene of the oral cavity and the pharynx

Chronic Fatigue syndrome

Constipation

Depression, slow working and thinking, slow reactions.

Hyperactivity syndrome and other behavioural and personality disorders may be caused by parasites and their toxins when they reside in the CNS or in the brain after penetrating the blood/brain barrier.