



# *Der Therapeutenverband für Öldispersionsbäder*

*nach Werner Junge e. V.  
gemeinnütziger Verein*

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The following notes were written by Werner Junge after the atomic disaster in Chernobyl on 26th April 1986. They originate from his legacy. The association wishes to convey these thoughts in view of the situation in Fukushima.

## **RADIOACTIVITY**

### **What are the possibilities of protecting against its effects?**

Years or decades will pass before the consequences of the nuclear-reactor disaster, which occurred in Chernobyl on 26/04/1986, can only be assessed even to an approximate degree. Never can it be established to what extent radioactive energy was released. Taking the amount of material which can be split and is needed to make an atomic bomb, as the starting point and then compare it with the amount with which an atomic reactor is charged, one can only estimate that more radioactive energy was released in Chernobyl than ever before by all nuclear bomb explosions up to the present, including all tests. It was with utter disbelief and horror that the substantial increase of radioactivity all round the globe was observed.

Before an attempt is made to judge which means are suitable to protect against these destructive forces, it needs to be made clear what radioactivity actually is. It is radiation which arises when matter disintegrates.

### **What is meant by: disintegration of matter?**

We are faced with the fact that by the nuclear physicist's manipulating the atomic structure of matter, its nucleus is split. By so doing the innermost matter is destroyed to an extent as had never been possible before. From this destruction radiation is set free which, by its own nature, can only cause further destruction.

In antiquity a threefold organisational principle formed the foundation for the cosmos as well as all stages of Earth development. Thus, the human being was regarded as a Harmony of the Creative Word of spirit – soul – body. The spirit gave sense and direction to every aspect of development. On this foundation all cultural epochs developed as well as the individual human being. He lived in the consciousness that the spirit built up the physical body.

The materialist puts 'matter' in place of the 'spirit'. Viewed from this standpoint all evolution begins with the big bang and ends through death by heat. In the beginning two atoms join coincidentally, together they 'catch' more until eventually something as complex as a protein atom has come into being. Thus, quite accidentally, the development of life comes about. The result of all these accidental occurrences is eventually senselessness, (i.o.w. nonsense).

The exploding nuclear reactor in Chernobyl has destroyed this pointless, madly materialistic picture of the world, because now, in the light of the enormous accumulation of radioactive forces demand a reflection concerning the question:

How can the destructive attack on the world be answered?

It is **Dr Rudolf Steiner's** invaluable merit to have re-established for modern times the threefold foundation of the world and the human being. A spiritual worldview can be developed again in which every kind of development has a purpose.

All forces which have their working origin in matter are central forces. They can be measured and weighed because they can be traced back to their origin. The physicist acknowledges only that as real which he can measure and weigh. He limits his activity on the central forces.

An observer of life-phenomena will perceive that also forces from the cosmic expanses work into the earthly-material conditions. But these forces are not centralised in a material sense. They are the orbital- or peripheral-forces, which cannot be measured in the same way as central forces.

The acknowledgement of orbital- or universal-forces in a spiritual world view requires the concept of the polarity of forces. The forming of concepts is an activity of thinking. The question asked above "How can the destructive attack on the world be answered?" can only be answered through a kind of thinking which has been freed from the shackles of materialism. Indeed, in present-day scientific activity no awareness of 'living thinking' can be found. Firstly, thinking has to be understood, before the reality of radioactivity can be comprehended. Even a genius like Goethe, who in his natural-scientific works has already laid the foundation for a spiritual world-view, confesses candidly: "I have never thought about thinking."

Likewise, in the realm of philosophy thinking has never been examined, with only one single exception – "The Philosophy of Spiritual Activity" (the former title was "The Philosophy of Freedom") by **Dr Rudolf Steiner**. A thorough study of this book creates the precondition for a clarity of cognition in the present situation.

“ Thinking is the absolute ultimate which world evolution has brought about.” Dr Rudolf Steiner.

For the thinking human being the world is in all its manifestations centred around an expression of spirit activity. The innermost core of man's being - his ICH, Ego or I – is of a spiritual nature. His physical-material body is the result created on the basis of spiritual laws. The soul unites the spiritual with the material. The development of a human being is governed by the same laws as are also valid for the macrocosm. Man is a microcosm which corresponds exactly with the macrocosmic. This connection forms the foundation of the spiritual world view which has been cleansed of the rubble of materialism. “Know the World, and you will know the Human Being – know the Human Being, and you will know the World.” (Rudolf Steiner)

Let us have a first look at the coming into being of man under these prerequisites. What is the most important event which takes place at conception? At the moment of fertilization a large swarm of male sperm advances towards a single maternal egg. At the very moment of first contact by the sperm with the egg, the latter surrounds itself with a membrane or skin ‘at the speed of lightening’. Looking at this process from the outside one could say the membrane is necessary to avoid other sperm penetrating the egg. In reality though, the egg-skin forms a vessel for the spiritual being in the incarnation process of a child on its way to become an earthly being in a physical body. All further development must be preceded by adding and expanding the formation of skin. Every cell, every organ, every bone is covered by skin. And when the child has been born the skin which envelops his body is then his universal organ.

Thus the skin on the one hand separates the body from the environment, on the other hand it establishes a relationship with the earthly and cosmic environment. It is therefore a universal sense organ.

It is a wonderful achievement which the skin, as the organ of rhythm, accomplishes when it separates the general warmth-space with its considerable fluctuations in temperature, from the individual warmth-space of the human body at an almost constant temperature of 37° C. For the spiritual soul member of the human being – the ICH or Ego –, this body warmth is the physical foundation and the skin provides its vessel.

Finally, it is most admirable how the skin acts as a metabolic organ. It can be observed that a crystal-clear, protein-free secretion is produced from the arterial capillary vessels in the skin. This streams to the periphery and is exhaled by the skin. Simultaneously a stream of fluid moves from the periphery of the skin towards the venous capillary vessels. This stream contains protein and is therefore lymph. Taking the in- and out flowing streams of liquid as one and the same, the formation of protein will then quite obviously take place outside the skin, under the influence of cosmic forces. At the moment of penetrating through the skin a concentration takes place, and the lymph appears within the skin. It follows that the formation of matter cannot be a material balancing problem; rather, it must be a process taking place in the ‘non-spatial’, in other words, it has its origin in the supersensible realm.

We must now draw attention to a phenomenon that appears on the skin. All skins are provided with a layer of fat. Every cell, every organ, every bone is surrounded by skin in order to be able to live, but no skin can live without fat. Fat and skin form an inseparable unit of functions. The fact that the fats on the periphery are saturated whereas the fats enveloping the metabolic organs are unsaturated is especially revealing. Saturated fats are those which have the oxygen very closely linked with their whole structure. They depict a resting and stabilising element. The unsaturated fats have only an incomplete liaison to oxygen, but have a constant desire for more oxygen, and this determines their activity.

The whole human form is wrapped in its mesoderm by a mantle of fat. As we have already said this consists of saturated fats. The warmth isolation is as it were an additional function, its main task being the preservation of the human form.

The unsaturated fats in the metabolic region of the body activate the function of the organs; they participate directly with the metabolic processes. This regularity (oder: conformity) is confirmed by one exception. The fat of the cheeks, that which gives the face its profile, is unsaturated, even though its on the periphery. The activity of the unsaturated cheek fat makes the facial expression possible. If it was saturated like all other fats in the mesoderm people would have to walk about with a rigid, unchangeable expression on their face.

For the judgement of radioactivity the description hitherto (oder: up to now) amounts to one consequence. The unfolding of a life process always presupposes the formation of a skin, because life always requires a vessel for its earthly existence. If the whole earth is regarded as a living being – Johannes Kepler was the last of the naturalists who did so – then the mineral-material crust of the earth forms a skin which comparatively is thinner than an eggshell. This matter (oder: material) proves to be in the sense of the skin the vessel for the life of the earth.

With nuclear fission, the material vessel, the skin of the earth, is torn. Radiation is emitted in this process which burns all skin of living beings, be it plant, animal or human being. This fact substantiates the hostility of radioactivity towards life.

When nuclear energy is compared to fire, a significant difference becomes apparent. In order to light a fire fuel and oxygen are required. If oxygen is withdrawn the fire will go out.

“Blissful is the Power of Fire  
If Man does tame It, watch over It.....”

If radioactivity is unleashed by nuclear fission there is no possibility of extinguishing it again. The effectiveness will only subside when the active splitting agent has been consumed. This process can be

completed within a few seconds, but it can also carry on for a period of up to around 25,000 years. With the emitted radioactive energies at Chernobyl, not only the people living there at present will be confronted with them until the end of their lives, but also all following generations. We must face the fact that no longer can anyone in the whole of humanity evade radioactive radiation. At some time contamination will occur (melt-down of radioactive isotopes in the organism), either immediately through the air or through water, or at the latest through the food chain. Even the smallest amount of radiation in the organism can ever be made ineffective. Exposure to further amounts of radiation results in an increase of effectiveness through accumulation. There is nothing anyone can do about it.

In order to be able to continue to live, despite radioactivity, a counterweight must be created by activating the life-giving forces. We have already been able to observe, that the skin is the most vitally important organ, but also that no skin can live without fat. Fat or oil are the bearers of life-forces.

In the search of a appropriate way of applying the oils as a cure the inner burns due to radioactivity, **Rudolf Steiner** can again give advice and show the way. In 1920 he gave the first course of lectures to medical doctors, published under the title "Anthroposophical Spiritual Science and Medical Therapy". In lecture XV he points out the extensive therapeutic possibilities if it can be achieved to establish a relationship between a human being and the process of oil formation. **Rudolf Steiner** adds:

" That can best be achieved by trying to blend finely sprayed oil with the bath water and to treat the person with these oil baths. That is something which would be desirable to a high degree....."

The problem of the finest distribution of oil in water was solved with the JUNGEBAD<sup>®</sup>, which is prepared with the oil dispersion apparatus DBP 2161729. The oil dispersion apparatus distributes the oil with long-lasting effect and homogenously throughout the bath water in the finest way. Only 3-5 ml of oil are required for a full bath. The distribution is such that the oil on its own cannot separate from the water. If a person is laid into such a bath, the effectiveness is twofold: the skin as a sense organ perceives in the water the oil with its sunlight- and warmth qualities and longs for it. The oil has no inclination to unite with water; on the contrary, it has the urge to leave. The skin of the bathing patient gives the oil this possibility. The oil is resorped via the skin into the bloodstream. This process was examined by Prof. Dr. med. Drexel and by Dipl. Chem. Römmelt from the Institut für Medizinische Balneologie und Klimatologie of the University of Munich. They were able to establish that after a bath lasting 20 minutes the oil was evident in the blood to such a high concentration which has not been achieved by any other therapeutic method.

The realisation of the therapeutic improvement (support) given by **Dr. Steiner** led to an expansion of balneology.

In the process of oil formation the plant concentrates the imponderables sunlight and the warmth of the sun as far as oil substance. After the resorption of oil into the bloodstream it starts to break down again. 'Breakdown' is a material idea. In realty a reverse process from the oil production in the plant is taking place. The release of the sun-forces from matter is an etherisation process. When making the oil, the plant brought down sun-light and -warmth from the ether[ic] world, the realm of the life-forces, into earthly materiality. In the blood the materialised sun-forces are metamorphosed again into life-forces and as such are immediately absorbed by the organism.

Damage through radioactivity have become inevitable. It cannot be obliterated by 'harmless measured value' as calculated by the authorities. But with the aid of the JUNGEBAD<sup>®</sup> the life-forces of the organism can be strengthened sufficiently to be in the position to heal the damage time and again. Especially an efficient life quality and fitness can be preserved for the children which is most endangered and under attack by radioactivity. Increasingly, nowadays, children show forms of rashes which can not be identified and do not fit into a known pattern. They are neither of an allergic nor infectious nature. It would therefore be expedient to apply oil dispersion baths prophylactically and not to wait until the damage becomes visible. Under no circumstances must there be a refraining from the development of consciousness. The dangers must be recognised in order to be overcome. A danger which has been recognised, ceases to be a danger. Anxiety, too, is a danger which will have to be overcome by recognition of the situation.

The above reflection is not a theory but the fruit of practical experience. Just as the JUNGEBAD<sup>®</sup> was put to the test by the treatment of severe x-ray burns, so it also proved successful in the case of damage by radiation.



Werner Junge

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JUNGEBAD KG  
Heckenweg 30  
73087 Bad Boll  
Deutschland  
Telefon +49 7164 14461  
Telefax +49 7164 14460  
E-Mail: [info@jungebad.com](mailto:info@jungebad.com)  
[www.jungebad.de](http://www.jungebad.de)

*Therapeutenverband für Öldispersionsbäder  
nach Werner Junge e. V.*  
Hagener Str. 58  
40625 Düsseldorf  
Tel +49 211 929 45 - 165  
Fax +49 211 929 45 - 200  
E-Mail [sekretariat@oelundwasser.de](mailto:sekretariat@oelundwasser.de)  
[www.oelundwasser.de](http://www.oelundwasser.de)  
Bürozeit dienstags 09:00 – 15:00 Uhr  
Ansprechpartnerin Ingrid Bihl

Supplement, Autumn 2011, after the catastrophe in Japan, Fukushima

The nuclear power station was partially destroyed by a tsunami. Radioactivity not only escaped from the building into the air, but highly radioactive water had to be drained from the cooling tanks into the sea. The intention was to avoid the insidious on-going process of destruction through overheating as a consequence of nuclear meltdown and explosion in the reactor.

The Junge-bath treatment can be administered with the aid of two oils: peat oils are used as a protection against radiation. They can be given in combination with e.g. arnica. Another substance which proved to be effective after the exposure to radiation in the Ukraine was antimony (Stibium) as medication given orally. A group of doctors and therapists from the community hospital in Herdecke, Germany, visited the Ukraine at that time and had spoken about this therapy. Stibium – its Greek name is antimony - is produced and supplied as an oil by the company Junge for the Junge - bath.

**Rudolf Steiner** speaks about the effectiveness of antimony in his lecture course for medical doctors in April 1920 (GA 312, lecture 19):"..... And the most remarkable of all (antimonial ) antimonious properties, is its peculiar form of resistance to all the forces which I have grouped together as sub-terrestrial, in a certain sense; those forces that play through electricity and magnetism. Suppose that we treat antimony with electrolysis, bring it to the cathode, and touch the antimonious deposit on the cathode with a metal point — the antimony produces tiny explosions. This active resistance of antimony to electric processes — if the substance is given a little stimulus — is most characteristic and distinctive ....." for antimony.

The following is a reference by **Rudolf Steiner** regarding the effect of oil massaging. The procedure of an oil bath is the equivalent of such an oil massage, because the oil forms an immediate protective sheath and from there penetrates into the human being (see the above article by Werner Junge). If there is no possibility of a bath available, the whole body could be massaged with a skin- or massage oil. The foundation oil should be olive oil. The Firma Junge produce such an oil.

From GA 319: ".....But if you rub your body with an oil-like substance you lower the detrimental effects of the earth-forces, that is to say, those forces which stand in opposition to the organism of the ego forces....."  
**Rudolf Steiner** quotes from a paper written by older medical doctors.

Hereby I wish to make some suggestions for possible treatment.

Dr. Albrecht Warning

(Translation from German into English by Michaela Johnson, Nottingham)

