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## ***Block 1***

### ***Changes in the blood count during and after exposure to artificially generated scalar waves due to electromagnetic emissions***

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This is what we found in our investigations:

Two questions will be answered by means of dark-field microscopic blood count examinations:

1. Which of the three known types of waves: electric waves, magnetic waves and scalar waves are responsible for the most varied disease consequences caused by so-called electrosmog, as listed in over 25,000 scientific studies (see Internet)?
2. Can these "harmful waves" be demonstrably erased?

The studies took place in stages in 2011, 2012 and 2013 and later sporadically (status 2020) in the naturopathic practice of the pharmacist and alternative practitioner Dr. rer.nat Ursula Schornstein and partly with the co-author Dr. med. Hegall Vollert. All cases of the co-author that were not followed up by himself were checked for correct execution and plausibility by means of records and rated "lege artis, nothing to complain about".

#### Introduction:

Red blood cells are sensitive to infections, toxins and artificially emitted electromagnetic radiation. Under a dark-field microscope, one can then see the so-called "money roll" formation, by means of a mobile phone call even within a minute. When red blood cells attach themselves to each other to form strands, three important properties of otherwise liquid blood are restricted: firstly, the flow rate is reduced, secondly, they can transport less oxygen because their surfaces are partially covered, and thirdly, they have much more difficulty passing through the capillaries. Acidification then occurs more easily there. Opponents counter the phenomenon of money-rolling after each food intake with our research and thus deny pathogenic consequences. However, this is only half the truth, because when people eat raw food, there is basically no money-rolling (and much more). The possible harmfulness of heated food or a parallel to microwave radiation is not discussed here.

Electromagnetic waves, or fields, have long been known to science. However, their mutual dependence is clear: electric fields generate magnetic fields and vice versa. However, Konstantin Meyl has pointed out the existence of magnetic monopoles for over 30 years, which generate a third field, namely that of scalar waves. These were finally published by description of 16 institutes worldwide in October 2009 by the scientific journal "Science" and are therefore scientifically recognized. Since then, scalar wave research has received the greatest attention all over the world.

For the expert opinion, the following should be noted regarding the scientific premise: **All electromagnetic waves generate scalar waves.**

#### Experimental set-up:

**For question 1** on the type of (harmful) wave, a shielding was chosen that screens 100% of electromagnetic waves. For this purpose, the head and upper body of the test person are covered with an aluminium foil glued on one side to chipboard. On top of the aluminium foil

is an approx. 2 cm thick polystyrene plate with a holder for a mobile phone. The test person's ear maintains light contact with the chipboard at the height of the telephone's loudspeaker. The test person appears sober and remains seated during an anamnesis for an average of ½ hours before the first blood sample is taken. This is done from the fingertip. The blood is immediately examined under a dark-field microscope using slides and cover platelets for flow and shape.

Now a mobile phone (mobile phone) is activated and acts on the test person for 6 minutes. The first blood sample is taken after 10 seconds, the second after 1 minute after the phone is switched off, further samples are taken every 5 to 10 minutes. Termination of the examinations after 40 minutes

#### For explanation:

Dark field observation means: observation in "evening light"! - i.e. with light influence from the side. Here the quality (not quantity!) of the object under examination can be observed and assessed; i.e. the object remains alive.

The same (!) type of examination is also used in the insemination stations - whether human or veterinary - otherwise the mobility and thus the fertility of the semen could not be determined.

Dark field microscopy has therefore been used medically for decades.

#### Implementation:

Blood is taken from a fingertip of each test person - hereinafter referred to as test person only - directly before a switched-on mobile phone (mobile phone) is attached. The second or third droplet is placed on a microscope slide and covered immediately. The blood count is then examined under a dark-field microscope. The flow properties and the division of the red blood cells are evaluated. Evaluations of other blood count characteristics known for decades in naturopathy are not described, as they are not relevant to the examinations carried out. Dark field microscopic examinations for a change in erythrocyte formation under various test methods have become standard, especially with regard to reactions to electromagnetic radiation. Investigations for so-called electrosmog have been carried out in large numbers and show without exception the same changes in the formation of the erythrocytes. Laboratory chemically, other parameters run in parallel. The impairment of melatonin (see Scheiner and other literature references), increase of serum cholesterol, albumin reduction (Lund study) and many more should be emphasised. Since the money roll formation of the erythrocytes runs parallel to this, it is the most reliable method of detection.

Regarding the devastating effects of electrosmog on the entire world population (including animals and plants), reference is made to the manifold scientific literature (on the Internet under electrosmog).

## Result:

All 20 test persons (2011) - not selected, mind you, and not selected according to health status, age and sex - showed normal distribution of erythrocytes in the dark field in the first (unpolluted) blood count. The flow properties were in any case judged to be very good to sufficient, but were only registered in order to assess and compare their changes in subsequent erythrocyte formations after exposure to E-smog.

All test persons received a "neutralizer" for harmful scalar waves after the 6-minute exposure to mobile phone radiation and the subsequent blood sample. This essentially consists of a 2 mm thick and 36x18 mm oval-shaped silicone platelet ("bion-pad e-smog") from bion-tec GmbH. According to the company, the platelet contains pure silicon oxide powder of a certain grain size spectrum and quantity ratio. It has been "informed" permanently against damaging waves from electromagnetic sources and the geomantic area according to a secret know-how. This "bion-pad", which is protected by trademark and patented throughout Europe, is intended to convey the entire scalar wave pattern of the "biological fractal" - also known as the "biological window" - in an enhanced way. For further important information: see the homepage of IBIT (Institute for Bioenergetic and Informational Therapy Research). This platelet was placed in the pocket of trousers, shirt, blouse or socks. The blood count was checked again after 10" and a second time after 1'.

**Result:** Already after 10" the money roll formation was mostly dissolved. After 1", without exception, each subject showed a clear formation with better flow characteristics than in the initial image.

In six cases no bion-pad was placed after the exposure to E-smog and control blood was taken every 5 or 10 minutes. In all test persons the money roll formation remained after 30 or 40 minutes. After subsequent administration of the e-smog pad, it took considerably longer for the "money rolls" to dissolve, between 5 and 10 minutes.

Finally, all the test persons are exposed to another 6-minute mobile phone call at a later point in time, but under the protection of a "bion-pad e-smog" (see above). Here, not a single "money roll" is visible after 6' exposure to radiation. On the contrary: the blood count looks even clearer than the initial picture. In addition, the flow characteristics can be described as optimal.

Among all test persons - whether male or female, whether 20 years or 72 years, whether diagnosed as largely healthy or sick - there is no significant difference with regard to the optimisation of the erythrocyte distribution and its flow property.

The **results research** laments the ominous radio technology, which was established in the microwave range of the biological window (biological fractal) of all places. Despite the countless overwhelming evidence of electrosmog-induced diseases and serious illnesses around the globe, even the so-called democratic governments are unable to guarantee the constitutionally established integrity of human beings. Somewhat helplessly, "limit values" are set. But these are purely arbitrary and are based on technical possibilities. From the point of view of a doctor or biologist - with regard to the safety of all vital functions - there is only one single limit value for all radio-technical emissions. That is zero.

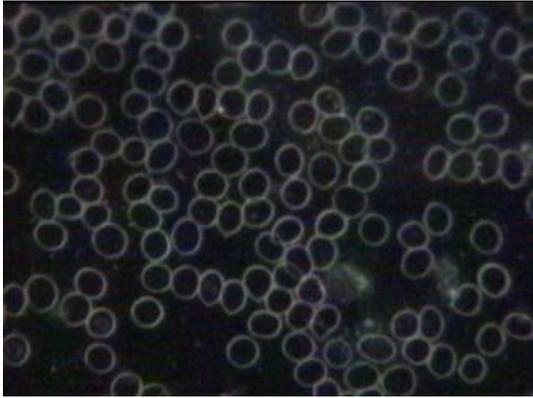
In May 2013, the IBIT Institute, under the direction of Dr. med. Hegall Vollert, examined six further unselected persons (18 to 71 years). The persons are protected both as carriers of the "bion-pad e-smog" and in the work area by bion-tec-informed quartz in the basement floor area. They were examined outside the working area in a conventional building in the morning. After waking up in the morning, they were no longer wearing an "e-smog protector", but had already entered their working area.

The procedure was the same as above, the results were also similar. Now a lasting protection over a certain period of time after leaving the working area could be expected. The duration was only a few minutes in each case. Exception: In one case there was no money roll after the 6-minute mobile phone call. However, this became apparent 2 minutes later.

In the following, blood counts from darkfield observations are shown as examples. Shielding of mobile phone electromagnetic radiation

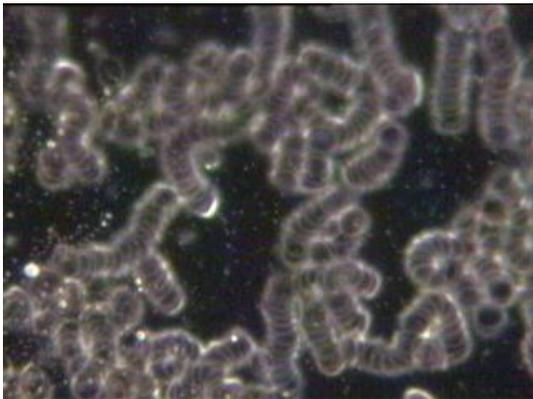
### First sequence of pictures under shielding of electromagnetic radiation



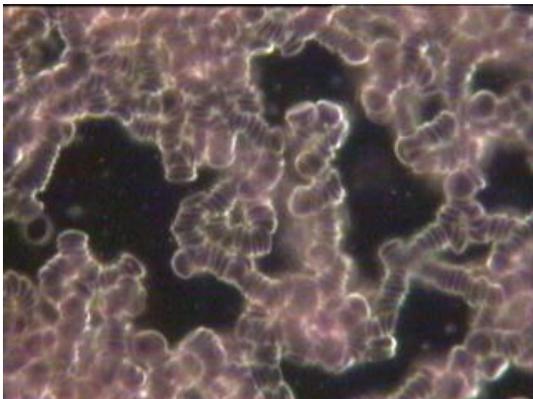


**Input picture**

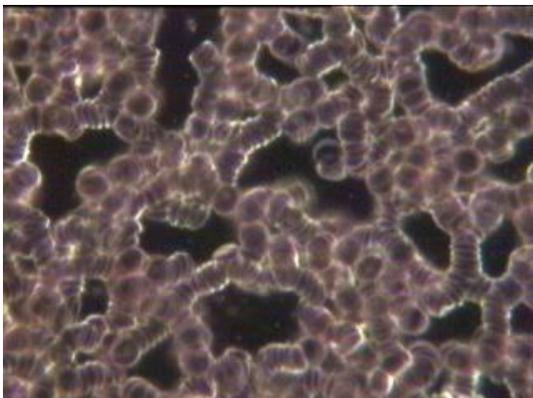
Blood collection after half an hour of anamnesis. The red blood cells behave normally without any disturbance. The test person ate 5 bananas and a tomato at 7 a.m. in the morning and remained sober until the end of the test series. No bion-pad has been used since 6 o'clock in the morning.



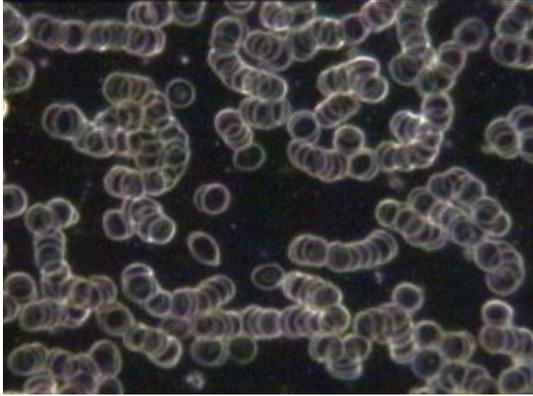
**After a 6-minute phone call** with iPhone **despite shielding** of the electromagnetic radiation (see above picture: test arrangement) complete money roll formation.



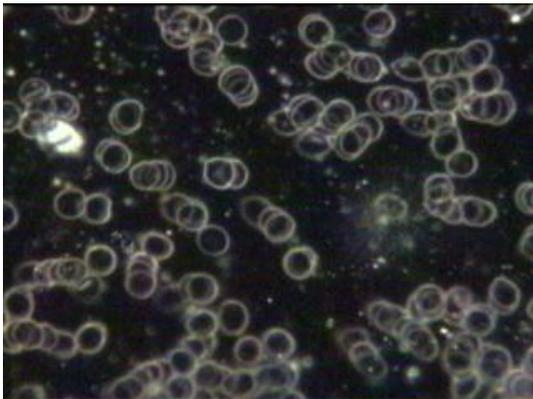
No resolution after another 10 minutes



After a total of 40 minutes no resolution, then e-smog pad deposited in shirt pocket.



After one minute with e-smog pad  
loosening of the money rolls and partial  
dissolution



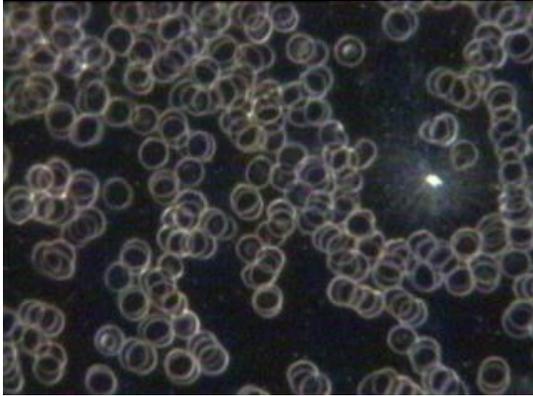
Nach 5 Minuten mit e-smog-pad  
subtotale Auflösung, jedoch schon  
optimale Fließeigenschaften

Question 2: Can they be deleted?

On the next day, fasting blood is taken again. A 6-minute telephone call is made with or without shielding, and the first blood sample is taken after 10 seconds, followed by others after 1 and 2 minutes.

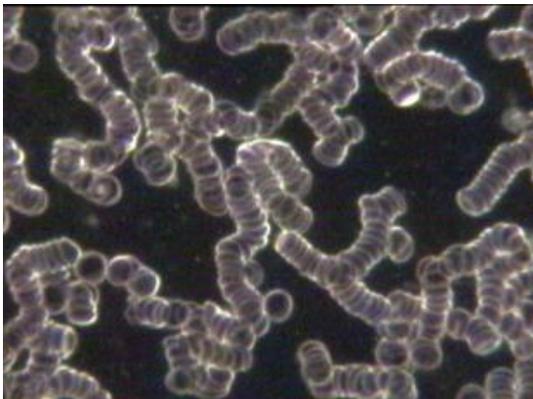
Result: Already after 10 seconds almost total resolution of the money roll formation and after 1 minute better image than the original image, also much better flow characteristics under the microscope.

## Second sequence of pictures

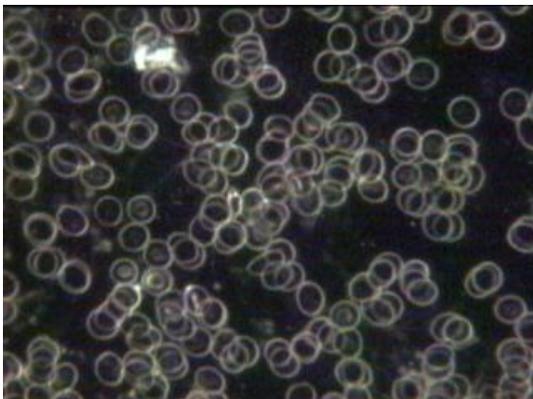


### **Input picture**

Flow properties and distribution of red blood cells normal by observation under a dark field microscope.

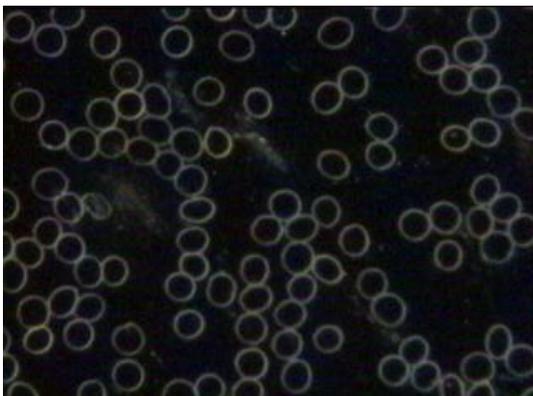


**After a 6-minute phone** call via mobile phone massive money roll formation. The red blood cells literally "stick together". This process usually lasts from minutes to hours.



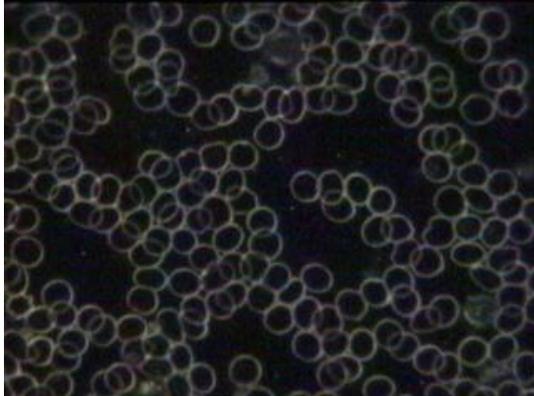
A small e-smog pad in the shirt pocket. Blood sample 10 seconds later:

Distribution of the red blood cells like picture 1 (original picture), now even with slightly improved flow characteristics.



After 1 minute with e-smog pad optimal distribution of red blood cells and optimal flow properties.

Weitere Versuche wurden wechselweise unter den Probanden mit und ohne Abschirmung bei eingeschaltetem Mobiltelefon je 12 Minuten lang durchgeführt, wobei von Anfang an ein bion-pad e-smog nach dem Ausgangsbild getragen wurde.



Erneutes Telefonat per Handy 12 Minuten, mit e-smog pad: Optimale Verteilung der roten Blutkörperchen und bessere Fließeigenschaft als im Eingangsbild.

**Result:** Absolutely clear blood count, optimal flow properties under the microscope.

### Conclusion

Question 1 can be adequately answered. Electromagnetic waves as so-called transverse waves can neither penetrate a Faraday cage nor an aluminium foil. **Cosmic scalar waves are longitudinal waves** and, as **standing waves**, have no material obstacles. **If the electromagnetic waves of an emission source are shielded with certainty and the red blood cells still react sensitively, only artificial scalar waves can be considered as the cause.**

Question 2 can also be assessed without any doubt. Whether with or without shielding, the bion-pads protect e-smog completely from the harmful radiation of artificial scalar waves. It will not be discussed here why or how or in what way the artificial compared to the cosmic scalar waves are harmful. In any case, the difference can be clearly seen in the money-rolling of the red blood cells - as exemplified by the photo documentation.

In addition, the trials show a delay in blood count normalisation when the bion-pad e-smog is used 30' or 40' after the phone call (longer than 5'). In addition, protection against e-smog is only sufficient for a few minutes after the bion-pad has been put down.

Literature references following block 3