

Effectiveness of  
**«Somavedic Medic Uran»**  
Effect in geopathic and technically disturbed magnetic fields  
as well as on water  
Biophysical examination

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The assignment only involves determination of physically measurable quantities and their interpretation. The tasks of the author of the report do not include examination of product production or mechanism of its operation or reporting on the tested products to third parties. Maintaining and regularly monitoring the quality of the tested product is the responsibility of the customer or the producer, as the case may be.

The spectroscopic method of phase coherence used to produce this report was verified in blind testing of 8 samples within one of the University of Kassel projects (Report No. 112/2009 of 30 November 2009). The databases used to interpret the results have an empirical basis which is recognized at individual points only in terms of university science. Statements in this area may in no way be construed as medical or pharmacological ones or as a promise of therapeutic effect.

## 1 Subject of examination

The «Somavedic Medic Uran» devices has been introduced on the market by Somavedic Technologies s.r.o. As a stronger version of the “Somavedic Medic” device. A request has been made to prolong the certificate for this product issued by IIREC. Preliminary assessment of the request shown that the following relevant changes in quality occurred:

- The unit body is now made of crystal with admixture of uranium instead of opal glass.

To prolong the certificate, it was therefore necessary to check whether the previously found effects of the unit (report No. 11/2015), i.e.

1. improving the environment in magnetic fields with geopathic burden,
2. improving the environment in magnetic fields of technical devices (iPhone),
3. and creating biologically beneficial signal spectre of water, especially in relation to defence against pathogenic germs and other parasites, remain the same.

After these items have been verified, the following tests have been carried out.

A specimen sent by the producer was used as the **test unit**. The device was always connected to the mains and exposed to the magnetically measured field or under a sample of water the spectre of which was to be analysed.

The space above a geological anomaly (deformation) and a relatively uniform background for the operation of a smart phone (iPhone) were used as the **test areas for the exposure of the damaged magnetic field**. Both the areas were located on the ground floor of the Institute. A wooden measuring grid with punched holes (11x11 measurement points) were used as the measuring field. For the details of the measuring process, see the report No. 11/2015.

## 2 Examination of the effects in the magnetic field

From the biological point of view, the magnetic field is particularly important because it permeates our body,

cannot be significantly shielded, affects all life processes and directly affects particularly the ions, electrically charged particles in the body (e.g. sodium, potassium, calcium, magnesium, zinc and many others in our cells, iron in the red blood pigment, etc.). Also, the signals contained in our intracellular and bodily fluids are magnetic in nature.

Examination in the magnetic field is therefore the first choice when testing coherent action of resonant products. (Coherence in physics means a firm relationship of phases between the oscillations of several individual elements. Coherence is therefore a principle which leverages microscopic effects, e.g. causing normal light become laser light.)

### 2.1 Methods of measurement and evaluation

Unlike for the previous expert opinion, an improved Teslameter FM 302 made by ProjektElektronik (Berlin) was used for the measurements. The most important technical data are summarized in the following table:

Teslameter	FM 302
Total range	$\pm 200 \mu\text{T}$
Linearity deviation	$< 0,1\% \pm 2 \text{ Digit DC}$ at $25^\circ\text{C} \pm 1^\circ\text{C}$
LCD display	4 1/2-figure
Display range	25100 numbers
Type of displayed information	Average (DC)
Display inaccuracy	$0.01 \mu\text{T}$
Duration of measuring	0.5 s
AS-UAP Lot axial sound	Fluxgate, direction-sensitive
Bandwidth range	DC up to 500 Hz

**Table 1:** Important technical details of the Teslameter used

## 2.2 Test in a geopathic field

The individual steps and the results of this range of measurements are described in detail in Annex 1.

## 2.3 Test in a technically disturbed field (iPhone)

This range of measurements is described in detail in Annex 2.

## 3 Effect on water

The process of preparation of the water sample treated with the specimen unit and of the measurements of signals instilled in water, compared with an untreated reference sample, are described in detail in the report No. 11/2015.

### 3.1 Methods of measurement and evaluation

Unlike for the previous expert opinion (report No. 11/2015), the measurements of signals instilled in water was not carried out in two steps at (+) and (-) circular polarization of an impulse, but in one step at simultaneous +/- circular polarization which enabled a simultaneous recording of resonances with both a positive (+) and a negative (-) sign of the signal.

### 3.3 Results and their evaluation

Spectres of the sample treated with the products and of the untreated reference sample are shown in Annex 3. Using the results of treating with

- of a sample treated with Somavedic Medic Uran,
- of a sample treated with a Somavedic Medic unit (current version) tested in the same way, and
- of the previous version of the Somavedic Medic unit,
- the following table shows resonances (sign of the signal and frequency channel) and
- their biological impact.

**Table 2 (p. 6 et seq.): Characteristic resonances of the sample treated with Somavedic Medic Uran (when compared with the untreated sample of tap water) and their significance, especially in relation to defence against pathogenic germs and other parasites**

Phase/channel sign <sup>1</sup>			Biological impact
Medic 2017	Medic Uran	Medic 2015	
-3.5			Hormonal balance ♂; cervical spine (CS);
+5.0	+5.0	+4.5	Neurasthenia, bone structure; testicles, low potency; skin control
+7.0	-7.0		Capillary infiltration disorders; headache in the forehead area; geopathy: earth grids, breaks
+9.0	+9.5		Cervical spine (CS); bone marrow
-10.5	+10.5		Hiccup
+12.0	-11.5...12.0		Immune modulation, spleen; inflammation of the pleura, rhinitis, cold, nose; epilepsy
-13.5...14.0	+13.5		Hoarseness, Adam's apple; testicles, low potency; geopathy: breaks; water structure: irregular spiral (13.3); <b>defence against:</b> Sterigmatocystin (13,3 Gr)
+16.0	+15.5		Low potency, penis: Viral diseases, cholera;
-17.5	-17.0		The centre of skin and connective tissues; the centre of joy; <b>defence against:</b> Aflatoxinin (17.72 Hz)
	+19.0		Neurotic hypersensitivity, weakened orgasm ♂
	-20.5		The centre of hormones; antibodies, tonsillitis, suppurative upper jaw inflammation; stomach
+24.0	+23.0	-23.5	Cell frequencies: Cell nucleus, cell nucleolus, central nucleolus; peristalsis, motor system, multiple sclerosis (MS); haemoglobin; water veins, breaks; elements: hafnium, tellurium
+24.0	-24.5	25.0	Nerve centre, centre of digestion; regulator of appetite; inflammation of the tendon sheath; element: cerium
+27.0...27.5		+26.5...27.0	Rhinitis, fibrosarcoma, warts, mental equilibrium; dissolution of bile stones; otitis external, tinnitus aurum, Eustachian tube, auditory inflammation; lymph
-28.5...29.0	+28.0...28.5		Centre of healing / connective tissue; <b>defence against:</b> Sorghumsirup (27.7), griseofulvin (28.8), herpes simplex 1 (29.22); element: radon (28.0)
+30.0...30.5	+30.5	+30.0...31.0	<b>Defence against:</b> histoplasma capsulatum 30.16; as well as in inflammation of the dental root, inflammation of the wound edges

<sup>1</sup> According to Paul Schmidt, the channels correspond to basic frequencies from 1 to 100 Hz

Phase/channel sign <sup>2</sup>			Biological impact
Medic 2017	Medic Uran	Medic 2015	
-32.5	-32,5... 33.5		Migraine, vomiting center; <b>defence against:</b> proteus mirabilis 32.33; mycoplasma 32.34; bacteroides fragilis 32.47; 32.59; proteus vulgaris 32.84; salmonella enteridis 32.9; bordetella pertussis 33.11
+34.0...35.0		-33.5...34.0	<b>defence against:</b> pseudomonas aeruginosa 33.29; neisseria gonorrhoea 33.52; haemophilus influenzae 33.64; proteus vulgaris 33.65; gardnerella vaginalis 34.03; corynebacterium diphtheriae 34.2
-36.5		+35.0...36.0	<b>defence against:</b> treponema pallidum 34.71; gaffky tetragena 34.87; lactobacillus acidophilus 34.90; proteus mirabilis 34.89; erwinia amylovora 34.97; serrati marcescens 35.08; schistosoma mansoni 35.3; campylobacter pyloridis 35.46; nocardia asteroides 35.52; E. coli 35.60; besnoitia (lungs) prot. 35.71; diplococcus pneumoniae 36.01; diplococcus diphth. 36.1; coxsackie (B-1 and B-4)
+38.0	-37.5	-36.5...37.5	Meridian frequency: conceptual vessel; control of heat-cold balance; elements: magnesium, cobalt, chlorine; <b>defence against</b> on purulent inflammation of the upper jaw as well as against: Measles virus 37.13. Epstein-Barr virus 37.77; clostridium botulinum 36.28; C. septicum 36.38; bacillus anthracis 36.43 a 36.50; nocardia aster. 36.69; salmonella paratyphi 36.76; streptococcus pyogenes 36.79; campylobacter (fetal nisther) 36.80; streptococcus sp. 36.85; strept. pneumoniae 36.85; salmonella paratyphi 37.0; erwinia carotovora 37.26; plasmodium falciparum s 37.31; enterobacter aerogenes 37.4; bacillus cereus 37.48; histomonas meleagridis 37.76; alpha streptococcus 37.76; staphylococcus aureus 37.86
-39.0	+39.0...39.5		Heart muscle, cardiac insufficiency; <b>defence against the following pathogenic germs:</b> clostridium acetobutylicum 38.75; spores bacillus anthracis 38.92; shigella dysenteriae 39.01; sphaerotilus natans 39.09; escherichia coli (E. coli) 39.25; shigella flexneri 39.4; branhamella (neisseria) 39.58; bacillus anthracis 39.58; clostridium perfringens 39.62

<sup>2</sup> According to Paul Schmidt, the channels correspond to basic frequencies from 1 to 100 Hz

Phase/channel sign <sup>3</sup>			Biological impact
Medic 2017	Medic Uran	Medic 2015	
-39.0	+39.0...39.5		<b>(continued):defence againstparasites:</b> anaplasma marginale 38.72; cystichilomastix (rat) 38.98; haemonchus contortus 39.12; ancylostoma caninum 39.30; toxoplasma (pathogenic for humans) 39.50; endolimax nana troph. 39.57; trypanosoma gambiense 39.62; chilomonas (the whole genus) 39.69; trichuris sp. 39.86; etnamoeba coli trophozoi 39.87
+40.5...41.0	-40.5...41.0		<b>Defence againstthe following pathogenic germs:</b> klebsiella pneumoniae 40.16; veillonelladispar 40.35; blepharisma 40.66; mycobacterium phlei 41.02; proteus vulgaris 41.26; virus cytomegalie (CMV) 40.96; <b>defence against parasites:</b> iodamoeba butschlii 40.15; leishmania mexicana 40.20; leishmania brasiliensis 40.26; dientamoeba fragilis 40.37; trichinella spiralis (muscles) 40.47; leishmania tropica 40.48; ascaris megalocephala 40.68; larva ascaris v plicích 40.70; pneumocystis carinii (lungs) 40.75; dirofilaria immitis 40.97; stegoclonium 40.98; cryptocotyle lingua (adult) 41.30; myxosoma 41.33
	+44.5...45.0	+45.0...45.5	Motion centre, hearing disorders, muscles, lack of magnesium, thrombosis; root chakra; alopecia diffusa, hair root; enuresis nocturna; uterine decline; elements: sodium, bismuth, niobium, platinum; <b>defence against:</b> taenia solium (scolex) 44.65; moniezia (scolex) 44.78; moniezia expansa (scolex) 44.78; haemaphysalis tricolor (asult) 45.16; sarcocystis 45.28; multiceps serialis 45.57; gastrothylax elongatus 45.45; echinococcus granulosus 45.66; ech. multiloc. 45.71
-46.5...47.0	-46.5	-46.5	Shoulder joint, anatomical nails, growth disorders, varicose veins; crossing of grids (Earth's magnetic field); element: cesium; <b>defence against:</b> dipylidium caninum (scolex) 46.21; diphylobothrium latum (scol.) 44.26; hymenolepis diminuta 46.31; trypanosoma cruzi (brain) 46.29; warts FR 46.2; taeniapisiformis (eggs) 46.75

<sup>3</sup> According to Paul Schmidt, the channels correspond to basic frequencies from 1 to 100 Hz



Phase/channel sign <sup>4</sup>			Biological impact
Medic 2017	Medic Uran	Medic 2015	
+48.5	+48.0		<b>Defence against parasites:</b> diphyllbothriumerin. 47.74; taeniapisiformis (cysticercus) 47.87; taeniasaginata (cysticercus) 47.88; hymenolepiscysticerc. 47.99; zinc - element (47.75)
+50.5	+51.0	-51.0	Testicles; skin control; crossing of grids (Earth's magnetic field); element: aluminum
	+52.0		Pancreas, calcium deficiency, element: iron
+55.0	-54.5...55.0		Sexuality centre, lack of magnesium, kidneys, spleen chakra, geopathy: earth grids, element: antimony (54.0)
-56.5	+56.5		Liver, dyslexia
-57.5...58.0	-58.		Centre of creativity, uterus, epididymides
+59.5	+59.0...59.5		Cervical spine (CS), prolapsed disc; leukosis, leukocytosis; nerve cell renewal
-61.0	-61.0	+61.5	Anxiety disorder, intestinal mucosal disorder; small intestine
+62.5	+62.5...63.0		Musicality, parathyroid glands, small intestine; geopathic: water vein
-63.0...64.0	-64.0	+63.0...63.5	Menstrual cycle; peristalsis, motor system, large intestine, rectal / laxal paralysis; kidney stones, neurodermitis; gallbladder; geopathic anomalies: water veins, breaks
+64.5 -66.0	+65.5	-64.5...65.0 -65.0...65.5	<b>Symptomatic and vagus control frequency</b> (65.0): large intestine, inflammation and ulcer; bowel obstruction/ileus; ischialgia, occiput arthrosis, tendon tears; hypoglycemia; eye cornea and retina; spinal cord; bladder; psoriasis; water veins; element: iodine
+67.5	-67.0	+67.0	Intervertebral discs, small intestine, duodenal ulcer; water veins
-70.0		+69.0;-69.5	Control: Tymus, cell renewal, bone, liver; lung meridian; inflammation of the elbow joint; lumbar vertebra; herpes zoster, skin cell renewal, bone loss (osteoporosis); water veins, evil; elements: hydrogen, cadmium

<sup>4</sup> According to Paul Schmidt, the channels correspond to basic frequencies from 1 to 100 Hz

Phase/channel sign <sup>5</sup>			Biological impact
Medic 2017	Medic Uran	Medic 2015	
+72.0		-70.5. +71.0...71.5	Articular rheumatism, vision disorders, tensions in the nape of the neck; flat legs; tonsillitis, pharynx; flat legs; water veins; elements: boron, arsenic; <b>Defence against:</b> dermatophagoides (dust mites) 70.7; flour mites 71.8
-75.5...76.5	-75.5...76.5		Bronchie; rheumatism, sciatica; Lumbar spine (LS); geopathy: water veins
+77.0			<b>Defence against:</b> cytochalasin B; geopathy: water veins, breaks
-78.5			Heart control, nerves; geopathy: water veins
+80			Centre of concentration, mosquito sting; geopathy: water veins, breaks
-81.5	+81.0		<b>Defence against:</b> arcyria; geopathy: crossing of grids, breaks
-83.5...84.0	-82.5...83.0		Centre of love to neighbour (82.5), intestines; geopathy: crossing grids, breaks; element: carbon (83.5)
+85.0	+85.0		Centre for hair, skin and connective tissue, heart chakra, geopathy: breaks; element: molybdenum (85.25)
-87.5	+88.5		Center for: goodwill, sense of responsibility; <b>defence against:</b> ornithonyssus (avian mite) 87.75; sterigmatocystin; geopathy: breaks; element: oxygen (88.0)
+89.0...89.5	-90.0...91.0		Thalamus (91); geopathy: crossing of grids, (89.5), water veins (from 90.0), breaks; elements: silicon (89.0), potassium (89.5); solar plexus chakra (hara 90.0); centre of memory capabilities; <b>defence against:</b> cytochalasin B
+91.5...92.0	+92.0...92.5		Zest for life, frontal lobe (91.5) and back lobe (92.5) of the pituitary gland; geopathy: water veins, breaks; element: copper (91.5)
-93.5			Nerve centre, cell renewal; geopathy of any kind
+95.0	-94.5		Front chakra; geopathy: water veins,
-96.5	+96.0	-96.0	Epiphysis control; intestinal ulcers/inflammation of the intestine, gum inflammation; water veins, breaks
+98.5	-98.5...99.0	+97.5...98.5	Control: dreams, anterior lobe of the pituitary gland, ear inflammation; meridians of gallbladder (97.5), stomach (98.0); acupuncture point AD1 - allergy; crossing of grids, water veins, breaks

<sup>5</sup> According to Paul Schmidt, the channels correspond to basic frequencies from 1 to 100 Hz



## 4 Expert Opinion

This part contains **expert evaluation of the product based on the terms and conditions for granting the IIREC Seal**. This expert opinion is based on chapter 2 and measurements in DC and ELF magnetic fields, as depicted in Annexes 1 and 2.

Assessment materials are available in the previous expert opinion No. 11/2015 in detail.

### 4.1 Metrological relevance of measurement results

**Effects established during measurement** - first, disturbing effect of the measurement field due to various causes (geological, technical); second, changes achieved after locating the unit in the test field of a scope that exceeds measurement uncertainty and thus can be evaluated as **significant**. This is expressly noted in Annexes 1 and 2.

In the magnetic field damaged both with geopathy and technical devices, the tested sample of the Somavedic Medic Uran current version has proven usable for equalizing these gradients within a metrologically assessed scope.

### 4.2 Significance of the results from the biological point of view

A range of measurements proved that the product is suitable for equalization of such variations of the Earth's magnetic field of the natural scope (tenths of a microtesla). This characteristic is highly significant from a **biological view point, as it returns the level of disturbance back to a biologically tolerable level**.

This study examined the effect of the unit **on geopathic, but also technical disturbances**. Such disturbances of a magnetic field are particularly significant from the biological view point, especially in **populated places**. They also pose a significant burden in motor **vehicles** during longer or frequent drives.

### 4.3 Granting of the Seal

By means of objective physical measurement using magnetic induction meters we hereby proved the reliability and resistance of biologically beneficial effects (magnetic field equalization) of the Somavedic Medic Uran unit in its current version (crystal corpus). The tests conducted in compliance with the IIREC standard methods confirmed that the Somavedic Medic unit was suitable for the use in buildings (apartments, populated spaces) and in motor vehicles.

Owing to this evidence, all the requirements are met and the product can be granted the IIREC Seal. Provided that the below conditions and obligations are met, the producer/customer is entitled to mark the Somavedic Medic Uran product as “IIREC tested & certified” and stamp the product with the IIREC Seal:



**Conditions:**

- (1) The seal validity must be renewed in time – before expiration.
- (2) The IIREC shall be notified without undue delay of any change in the production conditions or in the effects of the product.
- (3) The use of the seal shall be suspended if an additional IIREC test shows that the product quality no longer corresponds to the ascertained characteristics and/or any of the obligations is not met.

**Obligations:**

- (1) Product buyers must be provably instructed regarding the correct use of the product.

**Important:**

- (1) The seal can be applied directly to the product, product documentation and product packaging; as placed by the producer.
- (2) Well ahead before the seal expires, the IIREC shall offer to the customer periodic testing of the unit and if the result is positive, it shall renew validity of the seal.
- (3) Upon request, the IIREC can draft additional quality assurance proposals.
- (4) Preservation of the ascertained product quality shall be the responsibility of the producer.

Having appended his signature, the author of the expert opinion confirms that the performed measurements and their evaluation took place under his supervision and that the results are correct in terms of measurement accuracy and evaluation.



Mag. Dr. Walter Hannes Medinger  
General sworn and court-certified expert  
IIREC Scientific Director  
International Institute for Research on EMC  
ElectroMagneticCompatibility on biophysical basis

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## **Appendix 1:**

3 pictures

## **Appendix 2:**

5 pictures

## **Appendix 3:**

2 graphs with spectra