

**COMPARATIVE AND SEQUENTIAL**  
**BEV**  
**(BIOELECTRONIC ANALYSIS ACCORDING TO**  
**VINCENT)**  
**FOR THE STUDY OF REDOX POTENTIAL**  
**MODIFIABLE USING THE PROTECTION EQUIPMENT**  
**RAYGUARD 1 e 2**

**MATERIALS AND METHODS:**

- Examination of RayGuard SP1 protection device:

Length: ca. 130 mm  
Width: ca. 55 mm  
Height: ca. 25 mm  
Plastic case with raised registered name RAYGUARD  
Weight: ca. 90 grams  
Contents: not known

- Examination of RayGuard SP2 protection device:

Conical case with apex pointing upwards.  
Diameter of base: ca. 250 mm  
Vertical Height ca. 130 mm  
Weight ca. 630 grams  
Contents: not known  
Identical case material characteristics as described for the SP1 device.

## - BEV (Bioelectronic Vincent) of the Bio-Elektronik-Vincent 2.60

Leader: W. Seib  
Med –Tronik GmbH  
Aubenstelle Stuttgart  
Marquardstrabe 46 C  
D-7000 Stuttgart 1

The BEV device used by our group was prepared and designed by Ing. Rasche D-7632 FRIESENHEIM and was equipped with an automatic depolarisation system, which was suitable for any measurement of resistance and combination electrodes according to Vincent.

In this study:

- A series of measurements according to BEV were carried out to establish the redox potentials of a liquid, with the pH, rH and r (resistivity) properties being measured before and after prolonged exposure (24 h) in an electromagnetic field (corresponding to that of a dual band cell phone) with and without the antioxidative protective effect of RayGuard SP1 and SP2 devices.

### **Comments on the Method:**

Bioelectronics is an exact science that is frequently used in the clinical practice of orthomolecular medicine to indicate particular areas that are susceptible to the emergence of infections and degenerative diseases.

*Bioelectronics according to Vincent (BEV) is also defined as the science of biological fundamentals; it measures the electromagnetic currents that characterise life and standardises them with three physical parameters: pH, rH2, r.*

The technique formulated by Louis Claude Vincent, consists in assessing the innermost structure of an atom of a liquid, in this case a sample of water, before and after it has been exposed to an electromagnetic quantum field. This examination enables the protons with their positive electromagnetic charge and the electrons with their opposite charge, to be assessed via three specific physical parameters: **pH, rH, r**. All aqueous solutions, including blood tissue, can be described through these three parameters.

The human organism is created according to very precise rules, which can be specified through these three biological functions and are necessary to identify any clinical situation in general.

One can die of water and this is what L. Vincent, as President of the French Association of Engineering and Medicine, was considering, particularly in 1936, in coming to the conclusion that „*All causes of death, traced back to tuberculosis, circulatory diseases, or tumours, are directly connected with the quality of the water consumed*“.

Vincent also observed that mortality increased dramatically with the use of highly mineralised water, especially water that had been subjected to chemical oxidation as a preventive physical treatment.

The biology of life is fundamentally controlled by the „pH factor“, which indicates the numerical value of acidity and basicity of a substance.

All biochemical reactions hitherto possible in nature depend on these ion-electron factors.

Life itself is controlled by these factors, which must be maintained within a narrow range; the choice of our clothes is relevant, as well as what we consume.

People are increasingly wearing energetically „discharged,“ articles of clothing, thereby excluding a further opportunity for well-being and people furthermore forget that eating is a necessity, not a goal.

? rH: in order to measure the reduction-oxidation potential or electropotential. The rH<sub>2</sub> specifies the electrons available in a liquid for a particular pH value. This is the ability of a liquid to accept or release electrons, or to be alive. It represents the electrical energy of a liquid.

? r (rho): resistivity, in order to measure the concentration of ions or the dielectric potential or insulating factor. This quantifies the resistance of a liquid to electric current.

All three of these factors can mutually influence each other, and can be examined not only in water but also in the main biological liquids: blood, urine, saliva, etc.

The interest of this fascinating study lay in the hypothesis that bioelectronic deviations in water can cause identical deviations in living organisms. Therefore if one emphasises this property, it is possible to assess the deviation of a water sample.

This impressive, revolutionary hypothesis was confirmed in Lebanon in 1952-53, when Vincent was dealing with a series of epidemic bacteriological diseases of the upper respiratory tract and of the digestive tract. The ill patients were just treated with ordinary, suitable bioelectronically pure water, as opposed to expensive and dangerous antibiotics.

The values of these three electromagnetic factors are necessary and sufficient to define any general biological state of health or illness, drinking water or food.

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It is possible to carry out this examination through the BEV, by analysing the concept of biological field. This permits us to define the extent and direction of the pathological deviation, relative to the optimal values. We can thereby correct them and restore the original balance, in this case using the protection devices RayGuard 1 und 2

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## Description of the analyses carried out:

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A reference sample of water was exposed for 2 hours to a normal field produced by a commercial radio telephone of dual band type (for legal reasons the make is not disclosed). This sample was then analysed in order to establish any changes in the BEV bioelectronic parameters.

For a water sample with ideal parameters, reference was made to ideal properties, as in Lauretana und Plose:

- pH slightly acidic, in the range 6 – 6.8;
- rH slightly lowered, in the range 25 - 28;
- r as high as possible, at least > 6,000 ohms

### - WATER SAMPLE BEFORE FIELD EXPOSURE :

pH = 6.30  
rH = 27.5  
r 20° C = 28000  
μW = 7,35

### - WATER SAMPLE EXPOSED 24 HOURS TO THE ELECTROMAGNETIC FIELD OF A DUAL BAND (DB) RADIO TELEPHONE WITHOUT THE ANTIOXIDATIVE PROTECTION OF RAYGUARD SP1 AND SP 2:

pH = 7.76  
rH = 33.8  
r 20 °C = 1850  
μW = 173,976 (174!!!)

### - WATER SAMPLE EXPOSED 24 HOURS TO THE ELECTROMAGNETIC FIELD OF A DUAL BAND (DB) RADIO TELEPHONE WITH THE ANTIOXIDATIVE PROTECTION OF RAYGUARD SP 2:

pH = 6.55  
rH = 30.5  
r 20 °C = 5940  
μW = 46.7

### - WATER SAMPLE EXPOSED 24 HOURS TO THE ELECTROMAGNETIC FIELD OF A DUAL BAND (DB) RADIO TELEPHONE WITH THE ANTIOXIDATIVE PROTECTION OF RAYGUARD SP 1:

pH = 6.80  
rH = 32.1  
r 20 °C = 4300  
μW = 41.4

# FUNDAMENTAL TENDENCIES OF HUMAN BIOLOGICAL FIELDS

These are the four analyzable tendencies for assessing a bioelectronigram:

Acid & Lowered	- Growth of physiological bacteria
Acid & Oxidised	- Growth of yeasts, fungus and mould (Candida etc.)
Base & Oxidised	- Growth of viruses, degenerative pathological conditions, cancer
Base & Lowered	- Growth of pathogenic bacteria

The three data values ascertained with the BEV, on blood, saliva and urine, are plotted onto a graph, which permits us to quantify the „field“ of any individual in a simple, efficient, quick and economic way without a visual diagnosis. Using the BEV it is possible to carry out the examination by considering the biological field. This enables us to define the extent and direction of the pathological deviation relative to optimal healthy values. We can thus correct them and restore the original optimal state of health. Balance derives from the result of the activities of the opposing forces and depends on the factors „pH – rH2 – r“. The values of these three electromagnetic factors are necessary and sufficient to determine any general biological condition of health, illness, drinking water, food etc.

## CONCLUSION

From the investigation carried out, it can be concluded that prolonged exposure to electromagnetic fields, such as produced in normal dual band radio telephones, is harmful to health, since it has an effect on the normal oxidative equilibrium by removing electrons from biological tissue. However, the use of a RayGuard device considerably reduces the extent of the damage by preventing the dispersion of electrons.

A larger antioxidative effect was noted with the protection device SP 2, if the protection with regard to the 3 analysed bioelectric parameters is considered to be efficient.

In conclusion, the use of the protection device RayGuard is compatible and desirable in a general programme of electrosmog protection.

Further studies must be carried out, however, regarding the effective protection range, which depends on the distance from the transmitter of the harmful electromagnetic waves. This would again be on the basis of comparative BEV measurements.

*AIMO Analyst I*