MORA Device as an Alternative in Testing Compatibility to Dental Materials

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MORA is an electronic homeopathy (ELH) device which may be used as an alternative method for testing patient tolerance to dental materials. The method was used to test tolerance to dental materials in 100 individuals with good oral health condition. ELH functions on the following principles: the complete information spectrum of a substance, in our case dental materials, is digitally recorded and stored. The digital information is transferred into its original analogue oscillation. The testing method is performed by electro-dermal screening. Based on the results obtained by individual screening, we determine the tolerance to a wide range of dental materials, such as: different alloys, restorative materials, veneering materials, etc. or any chemical element. The device has an extensive range of materials included in its test set, but it can also be calibrated in order to determine tolerance to any desired material. The results are analyzed both individually and as a screening method, being expressed in percentages, giving information as which dental materials best suits the patient needs and which materials are well/not well tolerated by the group of individuals we took in consideration.

Key words: MORA device, electronic homeopathy, dental materials

The MORA-Therapy is an assessment and treatment method, using the patient ultra-fine electromagnetic oscillations. The method was originally developed by the German physician Dr. Franz Morell and the electronic engineer Erich Rasche, from whose names the name MORA originated [1]. Each individual possesses a unique spectrum of ultra-fine electromagnetic oscillations, which can be electronically sensed, processed and then utilised as therapy. Today it is also known that the chemical processes in the bodies of humans and animals are controlled by the “information” carried by and within these oscillations. Furthermore, organs and cell types possess characteristic oscillation spectrums, which are at the same time unique to each individual. Very good results using MORA have been observed when dealing with: allergies, food and substances intolerances, environmental poisonings, functional circulatory diseases of the heart, acute and chronic pain states, inflammations, pre- and post-operative care, metabolic problems, psychosomatic illnesses, determination of dental material incompatibility and removal of amalgam chronic latent intoxication [2].

Experimental part
The MORA device is a sophisticated BioResonance treatment device incorporating several preset assessment and therapeutic programmes (fig. 1). This device uses electrodes to detect electromagnetic information in the body, modify this information and fed it back as a treatment signal through probes or electrodes [3].

All the controls are situated on the front panel, most operations being controlled by a block of numeric and function keys on the front panel (fig. 2). A clear LCD display indicates selected programmes and current status (fig. 3). To the left is a meter scaled between 0 and 100 and is used to indicate Electrode Dermal Screening (EDS) readings. The optional computer interface module gives access to the PC based windows application allowing client records to be stored and electronic homeopathy to be used.

<table>
<thead>
<tr>
<th>Element</th>
<th>Au</th>
<th>Ag</th>
<th>Pt</th>
<th>Pd</th>
<th>Ti</th>
<th>Cr</th>
<th>Co</th>
<th>Ni</th>
<th>Cu</th>
<th>Ru</th>
<th>Zr</th>
</tr>
</thead>
<tbody>
<tr>
<td>Well tolerated</td>
<td>10%</td>
<td>30%</td>
<td>10%</td>
<td>0%</td>
<td>20%</td>
<td>10%</td>
<td>0%</td>
<td>20%</td>
<td>10%</td>
<td>0%</td>
<td>40%</td>
</tr>
<tr>
<td>Intolerated</td>
<td>10%</td>
<td>20%</td>
<td>20%</td>
<td>40%</td>
<td>10%</td>
<td>30%</td>
<td>20%</td>
<td>30%</td>
<td>10%</td>
<td>10%</td>
<td>20%</td>
</tr>
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</table>

Table 1
RESULTS IN PERCENTAGES
The main operating software is built into the machine and allows comprehensive control of the device. Additional PC-based software is available giving the ability to view screening information on a computer display, incorporate electronic homeopathy and store clients results.

The built-in software uses the main display to show menu options, configure settings and display results from a screening. The main menu is well laid out and allows straightforward selection of options including MORA therapy programs, standard EDS organ screening, dental testing, homeopathic potencies (medication testing), stimulation therapy, sector testing, conductance testing and sensitivity (allergy) testing.

The device has a built-in Electrode Dermal Screening (EDS) device which is used to assess the clients energy balance, nutritional status, toxins etc. and can also be used to modify the preset treatment programmes [3]. This EDS device measures electrical conductance of acupuncture points. The energetic state of the clients acupuncture meridians are assessed with the EDS probe by applying it to acupuncture points on the ends of the fingers and toes (fig. 4). Nutrition, toxic and food issues can also be assessed in this way.

Up to 700 separate items are available from the optional electronic homeopathy software database. Any of these items can be tested against the client to check its suitability as a remedy or as a causative factor. The 16 test categories of electronic homeopathy include: 366 allergens, 60 batch flowers, 92 chemicals, 320 dental, 346 nosodes, 121 vitamin and minerals [4].

We used electronic homeopathy (ELH) as an alternative method for testing patient tolerance to dental materials in 100 individuals with good oral health condition. Testing by ELH functions on the following principles: the complete information spectrum of a substance, in our case dental materials, is digitally recorded and stored. The digital information is transferred into its original analogue oscillation. The testing method is performed by electrodermal screening.

Results and discussions
Based on the results obtained by individual screening, we determine the tolerance to a wide range of dental materials, such as: dental alloys, ceramics, denture plastics, veneering materials, prosthetic teeth, impression materials, luting cements, temporary crown and bridges materials, materials used in endodontics, restorative materials etc. or any chemical element. The device has an extensive range of materials included in its test set, but it can also be calibrated in order to determine tolerance to any desired material.

We considered for testing 55 different dental alloys, as well as the chemical elements which are components of these alloys in 100 individuals with good oral health condition.

We expressed the results obtained in percentages (table 1).

Conclusions
Each patient must be treated as an individual, taking in consideration its own well tolerated and intolerated materials, the differences between the results we found in each individual being very big [5,6]. The results may be analyzed both individually and as a screening method, being expressed in percentages, giving information as which dental alloy is not tolerated by the patient and which dental alloys are well tolerated/intolerated by a group of certain individuals.

References
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