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# Technology Review



HAPPY LIFE ELECTRIC  
POTENTIAL MEDICAL  
TREATMENT MACHINE

HEALTH TECHNOLOGY ASSESSMENT UNIT  
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## **1. INTRODUCTION**

Nihon Medical Science Co Ltd have developed a range of potential electric therapy devices like *IONEA-901*, *HLE-1200*, *IONEA- HLS -900*; *HL 9000*, *HLE-1500*; *HLE-9000 AND HLE-901*, The company claims that those devices will able to improve people's health condition, i.e those who suffers from conditions like body ache, shoulder stiffness, knee pain, stoke, rheumatism, ankle pain, headache, inflammation, swelling, limb numbness, sinus, pigmentation, blemishes, promoted blood circulation or trim tummy.

## **2. METHODOLOGY**

An electronic search using the following database: PUBMED, allied and complimentary medicine database, Bandolier library, complimentary and alternative medicine New Zealand, National centre for complementary and alternative medicine, Medline, Health Business full text elite; Cinhall via Ebscohost search engine as well as general search engine GOOGLE were carry out, using keyword *electrotherapy*, *potential electric medical treatment*, *bio-electro therapy*, *IONEA 901* and *HLE 1200/1500*.

## **3. OBJECTIVES**

To determine the safety and effectiveness on the use of the Happy life machine for the conditions such as body ache, shoulder stiffness, knee pain, stoke, rheumatism, ankle pain, headache, inflammation, swelling, limb numbness, sinus, pigmentation, blemishes, promoted blood circulation and trim tummy.

## **4. TECHNICAL FEATURES**

The electrical potential therapy apparatus is a medical instrument that imparts an alternating current potential to an electrically insulated human body. It delivers a small amount of electrical energy sufficient to activate the regulating center of the autonomic nervous system and the endocrinal system of the body in order to enhance the nature healing power of the body.

## **5. RESULT**

### **5.1 Safety**

There is no scientific evidence retrieved on the safety of this device.

### **5.2 Effectiveness**

There is no scientific evidence on the effectiveness on the use of this device for the treatment of either body ache, shoulder stiffness, knee pain, stoke, rheumatism, ankle pain, headache, inflammation, swelling, limb numbness, sinus, pigmentation, blemishes, promoted blood circulation or trim tummy.

The evidence provided by the manufacturer were entirely claims from users and hospitals that provide such services where patients received some satisfaction from the treatment such as feeling light and warm in their body (*level 9*)

**6. CONCLUSION**

There is no scientific evidence on safety and effectiveness to support the use of this device.

**7. RECOMMEDATION**

It is not recommended to market this product in this country yet until there is sufficient research carried out to verify the safety and effectiveness of these devices.