Most Powerful Therapeutic Magnets for Pain Relief developed by Neuromagnetics from Australia

Brisbane-based company, Neuromagnetics Australia, develops "Q Magnets" range of ultrapowerful wearable therapeutic magnets for pain relief and injury management. Now available worldwide including the United States.



Lodi, Jan 9, 2020 (<u>Issuewire.com</u>) - The Brisbane-based company, Neuromagnetics Australia, develops a range of ultra-powerful wearable magnets for pain relief and injury management.

Q Magnets are well known for very powerful, wearable therapeutic magnets designed specifically for chronic pain relief and injury management. Called a 'Q Magnet' (the 'Q' stands for quadrapolar and refers to the four magnets that are contained within the device), the design improves upon a previous design originally developed in the United States by Dr Robert Holcomb, who conducted many years of research into using magnetism for pain relief as Associate Professor of Neurology at Vanderbilt University.

Neuromagnetics founders, James and Dianne Hermans, have shown that, for a magnet to be effective, two factors are critical: 1) specific placement of the magnet and 2) magnetic field intensity (or 'magnetic field gradient').

Most <u>magnetic therapy</u> products on the market for pain relief are simple single (bipolar) magnets that just do not generate a sufficiently powerful* magnetic field, or one large enough to influence neural

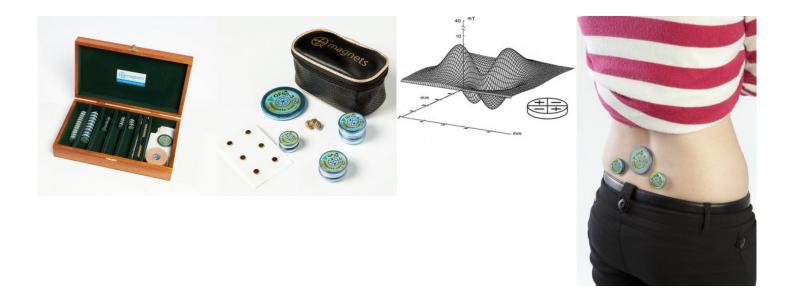
plasticity and desensitize the pain pathway. Also, many of these magnets are sold without specific positioning instructions and so, in many cases, are not being placed in exactly the right spot to be effective in any case. The company has developed a range of different sizes and types of magnets to cope with the complexity of correct positioning to address the commonest types of pain.

"Unless you are using a magnetic device with an optimized design, with the right-field characteristics, correctly placed so that the penetrating field envelops the target tissue, then magnetic therapy will simply have no effect", explains physio and Neuromagnetics co-founder Dianne Hermans.

Q Magnets use rare-earth Neodymium magnets, which are the strongest naturally occurring static magnets, and the new range also includes hexapolar (6 poles) and octapolar (8 poles) devices for different applications.

*power refers to the effectiveness of the quadrapolar magnet due to the steep field gradient it generates; it does not just refer to the absolute magnetic field strength of the device

Since 2009, Q Magnets are manufactured in Brisbane, Australia by Neuromagnetics Australia Pty Ltd for the temporary relief of pain. Information on the science behind Q magnets, how they compare with other popular magnetic therapy products and comprehensive information on the use of the devices can be found at https://gmagnets.com.



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