

BRH Medical

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ESTABLISHED

2014

LINE OF BUSINESS

Treatment of Chronic Wounds

part 1

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BRH Medical Ltd. designs, develops and manufactures advanced medical devices and solutions for chronic wounds care. The BRH-A2 System implements a clinically proven, patented technology that combines therapeutic ultrasound and electrical fields to treat chronic wounds.

BRH-A2 Wound Healing System

The BRH technology facilitates the healing of deep chronic ulcers such as diabetic sores and decubitus ulcers by engaging and stimulating the wounded region from below the wound bed, thus encouraging increased blood circulation to the wound and enabling the body to heal the wound more easily.

The system includes an ultrasound apparatus configured to transmit ultrasound different waves at specific frequencies and intensities to the wounded region of the body. The ultrasound system works simultaneous with 4 electrodes for providing Interferential Electric Fields (IFT) to the tissues and muscles that lie in the region of, and below the wounded region.

This combination (ultrasound + electric fields) varied over the course of the treatment (frequency + intensity) causes mechanical movement below the wound bed and encourages increased blood circulation in the wounded region.

The BRH System is the only one of its kind to include an advanced database for patient management, together with a digital documentation platform.

The chronic wound care market is a fragmented one, comprising of various treatments, rather than one leading solution. BRH Medical believes the BRH-A2 System may become the gold standard for the treatment of chronic wounds. BRH Medical is privately held and was founded in 2010 by Mr. Ilan Feferberg, the company's CTO, a graduate of the elite 8200 Israeli Intelligence Corp. The dynamic start-up, inspired by Mr. Feferberg's passion for innovative technologies, is guided by strict codes of responsible medicine, while developing high performance products for excellent results.

After experiencing the ravages of chronic wounds in his family, and spurred on by a desire to relieve the pain and distress of patients suffering from the debilitating results of chronic wounds, Mr. Feferberg applied his advanced understanding of these fields to develop a novel therapeutic technology that combines both therapeutic ultrasound and electrostimulation.

BRH has been issued a patent both in the USA and in China for its proprietary wound healing technology and documentation system, and other patents are pending worldwide

Wound Healing & Measuring Solutions BRH-A2 Wound Healing System

Understanding that the expectations and demands from physicians and the healthcare system are greater than ever, BRH Medical believes in innovative software and data solutions in order to maintain its quality, efficiency and excellence.

The system features a universal interface, with graphic icons for simple operation. All relevant patient data is stored in a database, including graphic location of the wound or wounds. The BRH-A2 system includes high performance digital documentation software which photographs and measures the ulcer size, despite the difficulty due to loss of tissue around the wound. The system then compares the results and is able to show the progress of the healing process and pain reduction through graphs that can be exported as reports.

Clinically Proven To Accelerate Healing and Reduce Pain

The BRH system has been clinically proven in several clinical studies to reduce wound pain, as well as accelerate wound healing. In



a recently published paper, it was shown that after only 8 treatments, more than 50% of the Diabetic Foot Ulcers responded positively and resulted in wound closure.¹

In a multi-center study, the results showed that almost 50% of all pressure ulcers were successfully closed by 20 weeks.²

Regulatory and Quality Assurance

The Company has received CE Approval for marketing in Europe, TGA for marketing in Australia, and meets ISO 13485: 2004 for manufacturing. The Company is expecting to receive FDA clearance during 2017.

¹Avrahami, Rosenblum, et al., Wounds. 2015 Jul;27(7):199-208, The Effect of Combined Ultrasound and Electric Field Stimulation on Wound Healing in Chronic Ulcerations.

² Rosenblum and Papamichael, J Gerontol Geriatr, Res 2016, 5:4, Combined Ultrasound and Electric Field Stimulation Aids the Healing of Chronic Pressure Ulcers.

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