

WIRELESS MICROCURRENT FOR DIRECTING STEM CELL REGENERATION AND HEALING: THE FUTURE IS NOW!

FOR SELECT ADVANCED ORGAN REGENERATION COMBINED WITH THE
BIOLEONHARDT IMPLANTABLE, PROGRAMMABLE, RE-FILLABLE
STEM CELL AND GROWTH FACTOR MICRO INFUSION PUMPS
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www.heartscore.co

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MyoStim Microcurrent Stimulators for Treating Critical Limb Ischemia and Diabetic Foot Ulcers

1. Procellera wireless microcurrent wound dressings for diabetic foot ulcers - www.procellera.com - FDA 510K cleared for sale including over-the-counter - \$25 per dressing.
2. MyoStim Axion microcurrent stimulators for wound healing and pain reduction -wire based via electroacupuncture or gel pad electrodes for physician office use - <http://www.axionmicro.com/> - 510K cleared for sale. \$7500 retail price.
3. Wetling wireless microcurrent stimulator for @ home wound healing and pain reduction - wireless transmitter for healing diabetic foot ulcers, burns and more - www.wetlinghealth.com - CE Mark approved, FDA 510K to be filed this quarter. Phase II Clinical Trial published. INVESTIGATIONAL USE ONLY IN THE USA NOT AVAILABLE FOR SALE IN THE USA.
4. Microcurrent sock for @ home pain relief for diabetic foot ulcer patients - FDA 510Kd - <http://microcurrent4people.com/proddetail.php?prod=EG-104> - \$85 each.
5. MyoStim Stem Cell Regeneration Stimulators - 3 issued pioneering patents and more pending. Currently in pre-clinical studies. Device causes stimulated tissues to release VEGF and SDF-1. SDF-1 is a homing signal for stem cells. 2nd signal differentiates recruited stem cells to useful tissues including muscle when needed. \$15,000 each. Available for pre-clinical research studies and vet use. Investigational Use Only Not Available for Sale in the USA.
6. Bioheart Stem Cell and Endothelial Progenitor Cell Harvesting Kits -www.bioheartinc.com - Cleared for physician based laboratory use (no labelling yet for indications of use therapeutic). Pricing upon request and verification of laboratory use only.
7. Fluid Synchrony and BioLeonhardt Implantable, Re-fillable, Programmable Pumps for Peripheral Vascular Delivery of Growth Factors, Stem Cells and Drugs - Pump is implantable in thigh muscle and delivers time course infusion of stem cells, growth factors or drugs peripherally over time - completely programmable. A dual chamber model is under development. www.fluidsynchro.com + www.bioleonhardt.com - Gathering data for regulatory submissions at this time. Available for lab research studies and vet use only.

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8. Electrical stimulation for Deep Vein Thrombosis treatment (under development).

See www.myostimpacers.com for supporting scientific peer reviewed articles (82).

AortaCell (under development) Wireless microcurrent for non-invasive healing of aortic aneurysms

Being tested for these indications of use....

1. Shrinking small aortic aneurysms non-invasively.
2. Reinforcing aortic neck wall strength to improve endovascular stent graft fixation long term.
3. Sealing non-invasively Type II and Type III endoleaks (early stage research).

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Method of enhancing myogenesis by electrical stimulation Patent Number: 7,483,749 wherein the electrical stimulation recruits stem cells to the injury site.

Date of First Priority Issue: Wednesday June 13th, 2001

Date Issued: Tuesday January 27th, 2009

Inventors: Leonhardt; Howard J. (Weston, FL), Chachques; Juan C. (Paris, FR)

Method for inducing angiogenesis by electrical stimulation of muscles - Inventors

Shinichi Kanno, Yasufumi Sato

US 6988004 B2 ABSTRACT The present invention comprises a method for stimulating angiogenesis. The method comprises the steps of electrically stimulating muscle below the threshold for muscle contraction.

Method of providing a dynamic cellular cardiac support

US 7341062 B2 - Inventors: Leonhardt; Howard J.

(Weston, FL), Chachques; Juan C. (Paris, FR)

