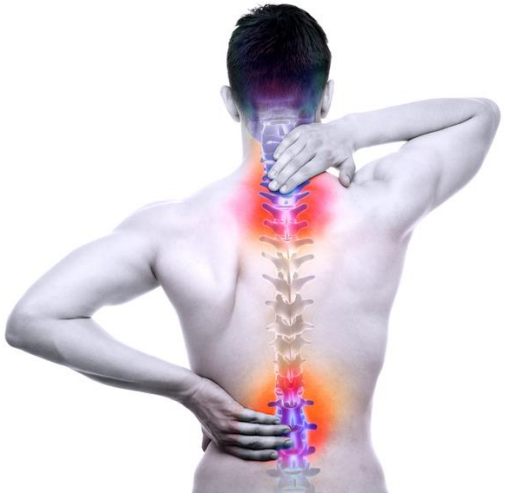
FINTEK



BIO-ELECTRIC RESPONSE

SPINE

Capacitively Coupled

Bone Growth Stimulator

Who We Are

About Us

Fintek are Canadian manufacturers and distributors of a Capacitively Coupled Bone Growth Stimulator used in healing all fractures and fusions including spine applications.

Fintek Bio-Electric Inc. is an ISO 13485:2016 and MDSAP company.

The Fintek Bio-Electric Response BR-1 is licensed by Health Canada for distribution in Canada since 2014.

Contact Us

Phone: 905-633-8636
Toll Free: 866-440-5692
Fax: 905-633-8637
Email: info@fintek.ca
Web: www.fintek.ca

Burlington, Ontario
L7T 2A4

Rev 01. 02.04.2022

High Level of Service to Patients

"Fintek staff ensured that I knew how to use the Bio-Electric Response and they contacted me regularly to ensure that I had enough supplies."

Our Products and Services

Fintek staff provides customer support to all patients, including processing of insurance claims and regular follow-up to ensure correct electrode placement and ample supplies to continue treatments. Fintek provides one-on-one training to all patients.

Treatment for Spine (and appendicular) Fractures and Fusions

What is the Bio-Electric Response?

The Fintek Bio-Electric Response utilizes Capacitively Coupled technology to treat spinal fractures and fusions through the use of electrodes to bracket the affected site.

- Electrode placement can cover multi-level fusions
- Treatment does not impede ambulation or normal daily activity.
- The device is programmed with 255 treatments and additional treatments can be programmed if necessary.
- Electrodes are easy to apply.
- A treatment time of 3 hours is indicated for most fractures and fusions.

Will my Insurance Cover the Cost of the Fintek Bio-Electric Response?

The Fintek Bio-Electric Response is covered by most major insurance plans for use in spinal fractures and fusions. Manulife, Sun Life, Canada Life, OTIP and many other major insurance companies cover the cost of the device. In addition, Workplace Safety Insurance and Motor Vehicle Insurance covers the Fintek Bio-Electric Response. Fintek's service staff are here to answer any questions you may have about your coverage and we will process the insurance claim on your behalf.

Contraindications and Warnings for Use

Do not use this device if you have a heart pacemaker, if you are pregnant, or if you plan on becoming pregnant. If you become pregnant after starting treatments, discontinue use of the device and contact your physician. The device should only be used on patients who are skeletally mature.

What are the Benefits of Capacitively Coupled Electrical Stimulation?

Electrical Stimulation has been proven effective in treating lumbar and cervical fractures and fusions. The device is used on patients with non-union and delayed union fractures and fusions. In addition, it is used on early attention patients with additional risk factors that slow the healing process. This can include tobacco smokers, diabetes, infection, advanced age, osteoporosis and arthritis, and complex fractures (comminuted, segmental, open).

Recent McMaster University Meta-Analysis on Spinal Fusions showed that:

- The use of electrical stimulation increased the odds of a successful fusion by 2.5 times relative to a control group [(1)].
- The odds of a successful fusion in tobacco smokers who were treated with electrical stimulation were 2.8 times more likely to fuse compared to smokers that were not treated with electrical stimulation [(1)]
- Patients who were treated with electrical stimulation as an adjunct had significantly less pain and experience lower rates of nonunion. [(2)]

(1) Aleem, I. S. *et al.* Efficacy of Electrical Stimulators for Bone Healing: A Meta-Analysis of Randomized Sham-Controlled Trials. *Sci. Rep.* **6**, 31724; doi: 10.1038/srep31724 (2016).
(2) Akhter, S., Qureshi, A.R., Aleem, I. et al. Efficacy of Electrical Stimulation for Spinal Fusion: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. Sci Rep 10, 4568 (2020). https://doi.org/10.1038/s41598-020-61266-x