Stroke Rehabilitation using PEMF therapy

A brain stroke is a life changing event as there is loss of mobility, speech, and cognitive abilities. PEMF-Devices.com reports how Pulsed Electromagnetic Field (PEMF) therapy technology is here to improve the outcomes of stroke rehabilitation.

Miami, May 16, 2019 (Issuewire.com) - Research on PEMF has been on-going since last 4 decades. Many scientists, doctors, and universities have conducted research on pulsed electromagnetic field therapy and found significant regenerative effects on brain function.

In 2013 scientific papers published results showing PEMF therapy had significant effects on brain functioning; this stimulated massive research in the field. PEMF can be used as a tool for repetitive Transcranial Magnetic Stimulation (TMS).

TMS therapy involves exposing the part of the brain affected by the stroke with strong electromagnetic waves repeatedly. The treatment is, however, limited to less than three hours per session to avoid damaging normal brain cells. When starting the therapy intense sessions of two hours are done. As improvements begin to become apparent, sessions are reduced to just 20 minutes.

PEMF therapy, on the other hand, uses low-intensity PEMF devices that can be used be at home. While TMS uses bursts of higher energy to stimulate the brain, with PEMF the instant effects are much milder, but with a longer application, such as during sleep, the recovery is more natural.

To learn more how PEMF compares to TMS and DBS (Deep brain stimulation) read this article on Buzzfeed.com and here's a resource published by us that compares PEMF to TENS, Interferential therapy and other electrotherapy modalities.
PEMF therapy for Stroke Rehabilitation

With the benefits PEMF has, it is surprising to know it is not yet widely used. During the research, it has been shown that PEMF application reduces brain cell damage and stroke disability by 90%. Speech therapy and physical therapy together with PEMF have been shown to produce much better results.

Speech is usually the first to recover. This is due to the ability of the electromagnetic waves to stimulate neuro-regeneration. With reinstated communication physical therapy gets easier. The patient is able to explain how he feels and what part of the body has more pain. This gives therapists the ability to tailor physical therapy to suit the needs of the patient. Additionally, the patient’s quality of life increases as they feel more relaxed and less pain.

Motor function is also reinstated faster when using PEMF. This is achieved by exposing the opposite side of the brain in relation to the affected limbs to the waves. This is because the motor function is controlled by the opposite side of the brain. Physiotherapy and massage should be done after PEMF sessions for even faster recovery.

Chronic strokes are a problem for some individuals. PEMF’s neuroprotective action prevents such a condition. This means that parts of the brain not affected by stroke become resistant. One PEMF therapy user that been using his PEMF Device for 10 years, got his first stroke at the age of 63. He believes that he would have had his stroke at least 10 years earlier if it wasn't for regular PEMF use. He also said that he had started using PEMF from day 3 of gaining consciousness after the stroke and constantly surprised his neurosurgeon and physical therapist with his progress.

The good thing about PEMF is that it can be used at all stages. So it has effects that prevent and enhance recovery from strokes as well.

PEMF devices

Many brands of PEMF devices are available today. If you want to get your health back in shape after having an ischemic stroke, you should definitely get one of these.

Most well-known among them is the BioBalance. BioBalance provides PEMF devices at budgets that are affordable. They come with a 30 days trial so you can return the device if it fails to provide results. That doesn’t seem to be happening often, or they wouldn’t have such an offer. Their customer support is great and provides good information when asked about using their PEMF therapy devices.

Another up-coming brand is the FlexPulse. It is a wearable PEMF device and is quite efficient too with 200 Gauss output, that's more powerful than most PEMF mats today. FlexPulse also provides quite a good customer support for users and ships worldwide.

Both systems are easy to use and most effective with the maximum amount of positive user feedback.

In conclusion

A stroke does not have to mean the end of normal life. With PEMF therapy recovery will be faster. You can get the therapy at a PEMF clinic or purchase a PEMF device to be used at home. Work with it and your physiotherapist or chiropractor together whilst turbocharging your mitochondria and optimizing
cellular and hormonal function. There's a lot more it can do besides stroke rehabilitation, so it is worth learning more about.

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Source : PEMF-devices.com

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