New Device Could Potentially Be An Answer to Addictive Pain Medicine

There’s a big problem with the abuse of opioids and prescription painmedicines. However, a new device created by researchers from the University of Texas at Arlington could be one of the answers to some of the widespread problems associated with prescription pain medicines.

The device delivers electrical current to the brain, blocking pain signals on the spinal cord level. It also triggers a release of dopamine, a neurotransmitter associated with pleasure. The researchers said the device may be able to decrease the emotional distress brought on by long-term pain.

Here’s what Dr. Ping, one of the professors at UT Arlington who we’re working on the project, had to say about the new device:

“This is the first study to use a wireless device to alleviate pain by directly stimulating the sensory limb of the brain, which is one of the major processes that contribute to the development of pain. We believe there is great potential for this type of therapy to be effective and alleviate the pain in different conditions.”

These discussions from Ping mentions were first detailed by me and a partner in a leading journal of interventional biology called Experimental Brain Research.

Unfortunately, testing is not already publicly available. However, the idea that this device could help in overcoming the hurdles of new spinal therapy is absolutely exciting and revolutionary. Hopefully, this new piece of technology proves to be beneficial, and accomplishes exactly what the researchers at UTA are hoping for.

These are just a few of the key pieces of the puzzle. The brain is a complex and mysterious organ, and understanding its functions can be both challenging and rewarding. However, the potential benefits of this new device are undeniable, and it represents a promising step forward in the treatment of pain.

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