Pains Exists In Brain Only! THIS New Device Tricks Your Brain To ‘Not’ Feel The Pain!

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Pain relieving medications are harmful for the body if one gets addicted to it and pops them every now and then for even the slightest of pains. The abuse and overuse of prescription pain medicines is gradually becoming a serious problem. People wasn’t a quick fix for every kind of pain hence instantly pop up a pain relieving drug never realizing that it can be harmful for them in the long run.

To help reduce this problem and patient’s growing reliance on pain relieving medication, a research team from the University of Texas at Arlington has been working on an alternative method for controlling pain. This alternative method is - electrical stimulation of the brain.

It is to be noted that this is not the very first method of this kind because there already exists a similar, experimental class of wearable devices that utilize the technique called transcutaneous electrical nerve stimulation, or TENS. These devices deliver small and painless electrical pulses to your nerves, using electrodes placed on your skin. The pulses are designed in such a way that they confuse your nerves and cancel out the pain signal they are sending to your brain, giving instant relief to the part of body which has electrodes on it.

The UTA technique takes this method forward by specifically concentrating and working on the spinal cord, blocking pain signals so that they don’t ever reach the brain.

The UTA system uses a custom-designed wireless device worn by the patient that stimulates the ventral tegmental area of the brain. Yuan Bo Peng, UTA psychology professor and team head said: “While still under laboratory testing, this new method does provide hope that in the future we will be able to alleviate chronic pain without the side effects of medications.”