

*A singlet or shirt that can detect strain in the neck and shoulders, and injects painkillers into the area.*

*This device would require a top or dress of some kind.*

*The key components of this device could be stored in a slightly larger than usual tag that is touching the skin of the lower neck (assuming that we have the technology to make these components so small). Most of this space would probably be taken up by a relatively small needle that contains concentrated anti-inflammatory medicine. Sensors would detect constant contraction or inflammation of the muscles in this area, as the tag is pressed to the neck. A self-powering battery (much like the new pacemaker's design) may be used in more expensive articles of clothing, but to reduce the price a relatively small battery with a lifespan of about 6 months would be utilised instead. The Battery would be connected to the sensors and the needle by an extremely thin copper wire inside the tag to prevent burning, and an easily accessible emergency switch that would automatically shut down the system. The needle would need to be extremely thin and quite small, so the medication would probably be administered gradually. To prevent running out within a single use, a large but extremely thin pack could be kept inside of the fabric of the clothing towards the upper back section.*

*I believe this device would sell well because almost all people suffer somewhere on the spectrum between constant migraines, or just occasional headaches that occur rarely. Honestly, this device probably wouldn't work at this stage, but is a pretty cool idea.*

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