



PARKINSON'S DISEASE NEWS

<http://www.viartis.net/parkinsons.disease/news.htm>

13th April 2013 - New review

TECHNOLOGICAL DEVICES FOR PARKINSON'S DISEASE (Part 1)

In recent years technological devices have started being used to try to improve or aid people with Parkinson's Disease without the necessity for drugs or surgery :

LIGHT THERAPY consists of daily exposure to daylight, brighter artificial light, or to specific wavelengths of light. Light suppresses melatonin formation, which lowers dopamine activity. For more information go to :

<http://parkinsons.about.com/b/2009/07/14/can-light-therapy-ameliorate-symptoms-of-parkinsons-disease.htm>

LASER DEVICES, including laser lights attached to canes, handheld devices or the Parkinson walkers. They display a beam of light on the ground, providing a target to step over to help overcome freezing episodes. For more information go to :

<http://www.ustep.com/cane.htm> and <http://www.parkinsonshop.com/shopexd.asp?id=16>

FUNCTIONAL ELECTRICAL STIMULATION is the use of electrical impulses to stimulate weak or paralysed muscles. For more information go to :

<http://www.bhamcommunity.nhs.uk/about-us/services-directory/specialist-services/rehabilitation/services/functional-electrical-stimulation/>

FOCUSED ULTRASOUND uses multiple intersecting beams of ultrasound energy are focused with a high degree of precision and accuracy on the target. For more information go to : <http://www.fusfoundation.org/>

MAGNETIC THERAPY involves the use of an extremely low-level electromagnetic field applied by a specially designed device, the Magnesphere. Helmholtz coils immerse the entire patient in a low strength electromagnetic field. For more information go to :

<http://www.magneceutical.com/>

<http://www.viartis.net/parkinsons.disease/news/130413.pdf>

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