

achievers

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Eye-to-Eye

Dr S Natrajan (50), Chairman and Managing Director, Aditya Jyot Eye Hospital Private Limited, Mumbai is the one of the first ophthalmologists in the world, and the first in India, to initiate clinical trials for treating dry AMD (Age-related Macular Degeneration). This is done with a device named as 'micro-current neuro-modulation' manufactured by the US - based company, ScyFIX which employs microcurrent stimulation (MCS) technology.

This device applies precise minute amounts of electrical current to specific locations over the closed eyelid. 'ScyFIX MCS Device' is approved by regulators in Australia, Canada, and Europe. Over 1000 patients have used this treatment all over the world and field results indicate safety and efficacy, with no observed side effects.

Aditya Jyot Eye Hospital started using the ScyFIX 650 in February 2007 in patients with dry AMD. This disease is found predominantly in the age group of 50 and above. "This is a fantastic new way of treatment of dry AMD," says Dr S Natarajan.

Aditya Jyot Eye Hospital in Mumbai is one of the leading eye hospitals headed by Dr S Natrajan and is dedicated to the treatment of AMD. It boasts of the latest technology and clinical expertise in retinal diseases and caters to patients from all over the world. "As there is no treatment for dry macular degeneration, this device gives a ray of hope for those suffering from this disease," says Dr Natrajan.

The ScyFIX 650 micro-current stimulation product is intended to treat patients by periodic administration of very precise amounts of tightly controlled electrical current through electrodes applied to the skin at specific areas around and over the eye. The electrical current is used to stimulate cellular interaction within the eye in order to delay the progression of disease symptoms. Once the device is activated a controlled electrical current flows through the eyes for up to 20 minutes per session through four specific electrical frequency ranges.

As the device is still at clinical research stage, this course of treatment is accessible to patients only after seeking their consent. So the entire process is explained to the patients and they treated with this device only if they are comfortable with it. The objective behind keeping the patients aware about this process is to maintain complete transparency and help them gain confidence and trust.

Aditya Jyot Eye Hospital is also venturing into pre clinical studies (animal trials) for Retinal Stem Cell Transplantation and Artificial Retina Implantation to find a more definitive cure for this disease.