

### Background

Scientists at the Massachusetts Institute of Technology (MIT) have been conducting experiments on mice that are leading them to believe that light therapy can actually bring back memories in people suffering from early-onset Alzheimer's. Although this is currently just a proof of concept, the world of possibilities that can follow are endless. This is notable, important, and life changing.

The scientists at MIT have successfully activated feelings from lost memories among mice with the use of light stimulation therapy that was developed in 2012. These mice are genetically engineered to have early-onset Alzheimer's disease. This form of therapy is referred to as optogenetics and although it can currently only be performed on mice, these studies show extreme promise for the future.

“Study authors put healthy mice and mice with Alzheimer's into a chamber where they received a foot shock, an experience that caused them to sense fear one hour later when placed in the chamber again. But when the two groups of mice were placed in the chamber a few days later, only the normal mice were fearful, while the Alzheimer's mice appeared to have forgotten about the experience. However, the memory of the fear was still there among the Alzheimer's mice; the memory just couldn't be activated with natural cues.

By using the light-therapy they developed in 2012—whereby the relevant engram cells were tagged with a light-sensitive protein then activated with light—the researchers activated those memories.

The light of the mindset Tweaklite has the same composition as the light used by MIT in its experiments. Result on humans is not guaranteed because it has not been tested.

### Application

Studies by MIT showed that Gamma brain waves, are believed to contribute to normal brain functions such as attention, perception and memory. The Brain Health Tweaklite provides the right frequency in the form of pulsating light.

After startup (see below), start the instrument and place it on top of the skull (1) on the skin, slightly to the back and briefly press the button. The light ends after 2 minutes with a tone. Then place the light between the eyebrows (2) on the skin and push the button again. Do it every day, preferably during morning hours.

The Application is experimental. The use is safe and not invasive. The number of sessions depend on age and severity of the condition. Evaluate the progress of the user.

There are no contra indications except epilepsy. Please send us your response. We develop further so we can send you updates for your instrument.

### Warning:

The Application is experimental. The use is safe and not invasive. Don't use it more than once per day. Drink clean water after use.

