

Re: Eye Input Signal Testbed

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eagleson2004123@yahoo.com wrote in message
news:<43d9f575.0406120922.3da5ea08@posting.google.com>...

> *Eye Input Signal Testbed*

Sounds like a *_moderate_* idea for those who are blind. However, there is potential infection, clotting, or unknown factors involving long term neural degeneration at the locations of electrical stimulation. A large number of tiny strokes in the occipital lobe is bad news. And even people who were blind from birth still probably use much of the occipital lobe for dimensional information involving inputs from the postcentral gyrus at the dorsal and ventral boundaries of the nervous system on the cerebrum (body sensory inputs) and from the temporal lobes (hearing) [maps from walk distances, feeling of objects, and spoken references to locations] simply because it is not being used from much of anything else because there are then no sight inputs going into portion of the brain as there would be regularly, due to the blindness.

Also, the nerve mesh in the retina itself, does some processing of contrast and direction, and movement before the firing output is even sent to the brain.

It is far less extensive than what you see when you have to coordinate the input from a vast number of individual sensory fibers when you have, say, the coordination of each tiny section of a compound eye, as is in insects. But there is still some processing that does go on in the retina itself. Not to mention the mid-brain crossover where the inputs from both of your eyes are blended together. [If you can not see out of the left or right side of BOTH of your eyes rather than one, you might almost infer that you have had a mid-brain or occipital lobe stroke, and there may be nothing wrong with your eyes.]

Unless you are already blind, don't mess with a good thing. Just get better vision goggles or upgrade your monitor.