

Weber Medical Infrared LED Helmet

Treating degenerative brain diseases



Technical Details

Number of diodes: 320

Wavelength: 810 nm

Power: 50 mW/diode

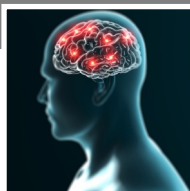
Total power: 16 W

Main Indications

- Alzheimer's
- Parkinson's
- Dementia
- Stroke
- ALS
- Traumatic brain injury
- Age-related macular degeneration
- Migraine

Low levels of infrared light penetrate the skull to treat neurodegenerative and neuropsychological brain disorders

- Stimulates growth of brain cells and neurons
- Improves cognition
- Promotes neurogenesis
- Improves mitochondrial function



The potential of transcranial photobiomodulation therapy for the treatment of major depressive disorder (MDD)

- Increases cerebral energy production via mitochondrial oxidative phosphorylation
- Enhances frontal cortex oxygen consumption
- Significant increase in the left middle cerebral artery (up to 30%) and basilar artery (up to 25%) blood flow velocity



Recommended treatment time is 2x 20-30 minutes/day.