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 neuro-psychological 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.