THE POWER OF 3 COLOURED LIGHT WAVES

Fueling Mitochondria. Supporting Little Brains. Changing Futures.

Photobiomodulation (PBM) uses safe, non-invasive light to support the body at a cellular level. Different wavelengths penetrate the body in unique ways to support mitochondrial function, the energy hubs of our cells.

VIOLET LIGHT

380–450nm

SUPERFICIAL PENETRATION
Supports the skin & surface cells

- Supports cellular repair and renewal
- Powerful antibacterial and anti-inflammatory action
- Supports the skin barrier and healing
- Calms overactive immune responses

GREEN LIGHT

520–570nm

MID-LEVEL PENETRATION
Supports balance & regulation

- Helps regulate the nervous system
- Supports mood, emotional balance and relief of sensory overload
- Promotes healthy mitochondrial function
- Supports melatonin production and sleep

RED LIGHT

620–850nm

DEEP PENETRATION
Reaches cells, tissues & mitochondria

- Boosts ATP production (energy!)
- Reduces inflammation and oxidative stress
- Supports circulation and oxygen delivery
- Enhances cellular repair and neuroprotection

THE MITOCHONDRIA: POWER PLANTS OF THE CELL

When mitochondria function better, cells make more energy (ATP), communicate better and handle stress more effectively.



This creates a healthier nervous system and a stronger foundation for development, learning and emotional well-being.

HOW THIS HELPS CHILDREN WITH NEURODEVELOPMENTAL CONDITIONS

IMPROVED REGULATION
Helps calm the nervous system, reduce anxiety and emotional dysregulation.



BETTER FOCUS & ATTENTION
Supports executive function, concentration and cognitive performance.



ENHANCED SOCIAL CONNECTION
Supports social engagement, eye contact, communication and empathy.



BETTER SLEEP & RECOVERY
Promotes healthier sleep patterns and supports the body's natural repair.



REDUCED INFLAMMATION & STRESS
Helps lower inflammation and oxidative stress that impact development and behaviour.



SUPPORTS MOTOR & SENSORY INTEGRATION
Aids coordination, balance, body awareness and sensory processing.



MAY SUPPORT CHILDREN WITH:

- Autism Spectrum Disorder (ASD)
- ADHD
- Sensory Processing Differences
- Anxiety
- Developmental Delays
- Learning Difficulties
- Executive Function Challenges

Better energy.
Better regulation.
Better connections.
Brighter futures.

SAFE. GENTLE. NON-INVASIVE.

- Drug-free
- Pain-free
- No downtime
- Can be used alongside therapies and interventions

Healthy mitochondria today. Stronger brains tomorrow.
Supporting every child to shine.