

Neurolumen® is a breakthrough treatment modality utilizing three healing therapies: low-level laser, LED and electrical stimulation.

Neurolumen's pioneering e-Photonic approach produces fast-acting pain relief without the use of medication or adverse side effects. Not only is Neurolumen easy for your patients to use, it is even easier for you to administer and manage.

New and Innovative treatment

You can introduce your patients to this new technology to help with neuropathy, chronic and acute pain, post-surgical pain, and disabilities associated with decreased circulation.

How is it used?

Neurolumen is a 30 minute treatment that can be administered in a clinical setting or can be sent home with the patient. Treatment Codes available.



Benefits for your patients:

- *Increased angiogenesis. Both blood capillaries and lymphatic capillaries have been clinically documented to undergo significant increase/regeneration.*
- *Decreased C-reactive protein and neopterin.*
- *Accelerated inflammatory cycle with diminished symptoms and earlier normalization.*
- *Can be used over some implants.*

**NEUROLUMEN®**

For more information visit: www.neurolumen.com

Three Proven Energies, One Powerful Therapy



Easy To Use:

The Neurolumen® PN-1000 is engineered to provide consistent

results and offers a straight forward and simple-to-use interface. As many as four channels are available to simultaneously administer therapy to multiple locations. The easy to read LCD display indicates the treatment signal strength for each channel in addition to treatment time and battery life. While intended to be a very accommodating portable device, the PN-1000 can be operated with the battery charger connected to it.



Proven Results:

Patient response to the Neurolumen treatment has been quite favorable. As with any therapeutic treatment, patient compliance can be an obstacle and

Neurolumen engineering minimizes this concern. The PN-1000 design combines the powerful effects of Neurolumen's proprietary methods, and produces very significant results when compared to other treatment modalities. In a recent clinical study involving a ten application protocol of the PN-1000, over 75% of the patient population reported pain relief from their treatments.

Safe & Effective Design:

Neurolumen's proprietary "wrap around" design ensures that proper treatment parameters are maintained while minimizing variability. This innovative characteristic of the PN-1000 is the result of substantial product testing and evaluation in both clinical and home-use settings. Two different wrap assembly configurations provide the flexibility necessary to effectively treat nearly any anatomical region of the body.

Technical Specifications:

| Unit | |
|---|--|
| Model | Neurolumen PN-1000 |
| Part Number | 0904000-00 |
| Battery | Lithium-Ion 3.6V |
| Charger | 220/110 VAC, 50/60Hz input 9VDC 1.5A output |
| Laser Diodes | |
| Quantity per wrap | 2 |
| Wavelength | 808nm |
| Output Power | 60mW |
| LEDs, Red | |
| Quantity per wrap | 2 |
| Wavelength | 660nm |
| Output Power | 15mw |
| LEDs, IR | |
| Quantity per wrap | 2 |
| Wavelength | 904nm |
| Output Power | 22mW |
| TENS (Load Impedance 500-550 ohms)¹ | |
| Frequency | 2 Hz |
| Output Current | 100mA max |
| Pulse Voltage | 75VDC max |
| Pulse width | 100us biphasic |



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