

RENURON®-1500 INJECTION

Methylcobalamin I.P. 1500 mcg

"Powerful Neurotropic Support for Nerve Regeneration"

Marketed by: Human Orthocare

A Subsidiary of Human Biolife India Pvt. Ltd.

www.humanorthocare.com







Product Overview

Composition (per ampoule)

Methylcobalamin I.P. - 1500 mcg

Active Form of Vitamin B12

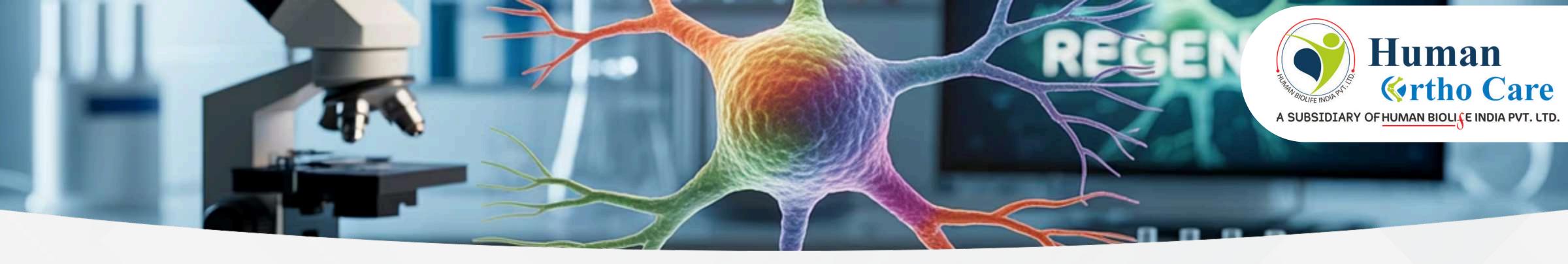
Essential for nerve repair, myelin sheath regeneration and DNA synthesis

Injectable Formulation

Faster onset and higher bioavailability compared to oral forms

Clinical Applications

Widely used in neuropathy and neurological disorders



Mechanism of Action

Methylcobalamin: Advanced Neurotropic Action



Nucleic Acid & Protein Synthesis

Promotes essential cellular processes that support neuronal repair and regeneration



Myelin Sheath Formation

Enhances protective covering around nerves, restoring proper nerve conduction



Axonal Regeneration

Improves nerve fibre growth and synaptic transmission for better neural communication



Homocysteine Regulation

Regulates harmful amino acid levels, preventing neurovascular damage

❷ Result: Comprehensive nerve regeneration with significant symptom relief in neuropathy conditions



Clinical Indications

Renuron®-1500 Injection is recommended for a comprehensive range of neurological conditions:



Diabetic Peripheral Neuropathy

First-line treatment for diabetes-related nerve damage and associated pain



Alcoholic Neuropathy

Effective management of nerve damage caused by chronic alcohol consumption



Peripheral Nerve Injuries

Supports recovery from traumatic nerve damage and surgical interventions



Post-herpetic Neuralgia

Provides relief from persistent pain following shingles infection



Sciatica & Radiculopathy

Addresses chronic low back pain and nerve root compression syndromes



Neurodegenerative Disorders

Valuable adjuvant therapy in progressive neurological conditions



Clinical Advantages



Rapid Symptom Relief

Quick improvement in burning, tingling, and numbness sensations



Superior Bioavailability

Injectable formulation ensures higher absorption compared to oral forms



Neurotropic Action

Specifically targets and repairs damaged nerve structures



Functional Recovery

Improves nerve conduction and restores daily functioning



Long-term Safety

Well tolerated for extended treatment periods

"Renuron®-1500 delivers the therapeutic power of high-dose methylcobalamin directly where it's needed most."



Comparison with Oral Methylcobalamin

Injectable methylcobalamin demonstrates superior therapeutic advantages:

Parameter	Renuron®-1500 Injection	Oral Methylcobalamin
Bioavailability	✓ High	X Variable
Onset of Action	Rapid	1 Slow
Nerve Regeneration	✓ Strong	Moderate
Use in Severe Neuropathy	Preferred	1 Limited
Patient Compliance	✓ High (weekly/biweekly)	/ Moderate





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Initial Dosage

1500 mcg IM/IV once every 2–3 days for acute cases

Frequency adjusted based on severity and physician guidance

2

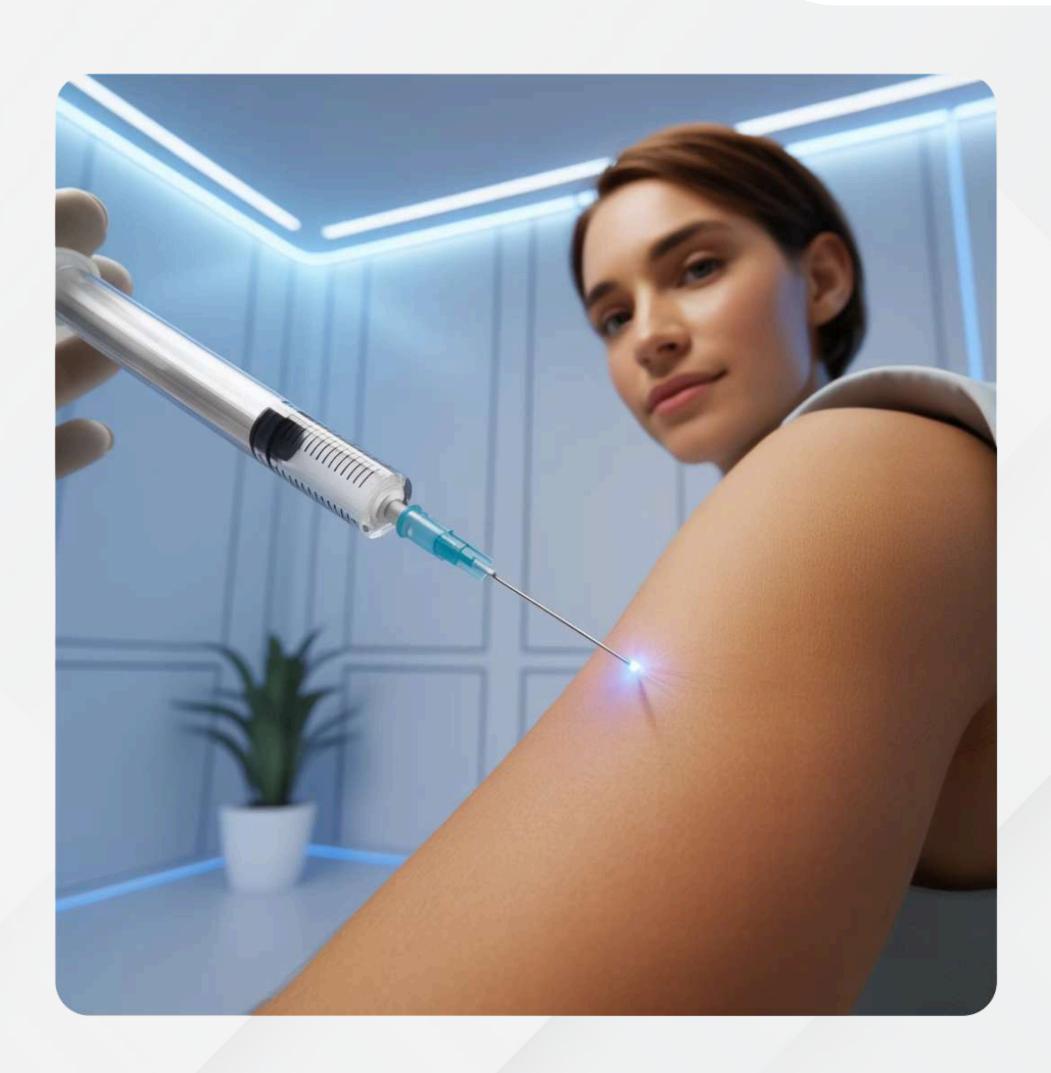
Maintenance Therapy

Weekly or bi-weekly dosing for sustained neurological support

Long-term management of chronic neuropathic conditions

Administration Guidelines:

- Administer slowly via IM or IV route
- Adjust frequency based on patient response
- Monitor for therapeutic improvement





Safety & Tolerability

Generally Well-Tolerated

Excellent safety profile with minimal adverse effects reported in clinical practice

Possible Side Effects (Rare)

- Mild injection site pain or redness
- Dizziness (uncommon)
- Skin rash (rare)
- Gastrointestinal upset (rare)

Contraindications

- Hypersensitivity to cobalamins
- Leber's hereditary optic neuropathy

1 The injectable route minimises gastrointestinal side effects commonly associated with oral vitamin B12 supplementation.





The Doctor's Choice for Advanced Neurological Care

High-Potency Neurotropic Injection

Delivers therapeutic doses of methylcobalamin directly for maximum efficacy in neuropathy treatment

Accelerated Recovery

Faster improvement in diabetic and peripheral neuropathy compared to conventional oral therapies

Enhanced Nerve Function

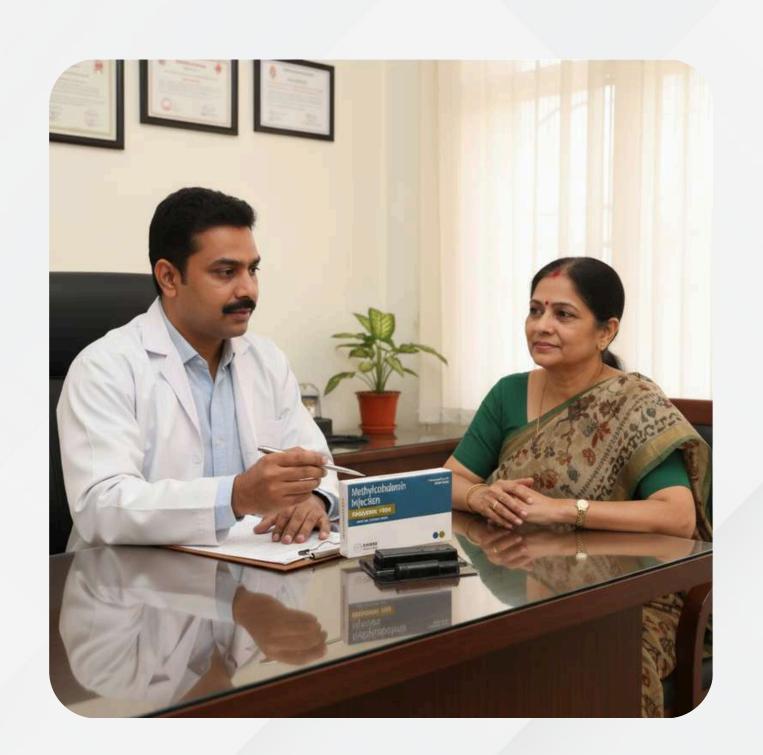
Significantly improves nerve conduction velocity and restores daily functioning capabilities

Long-term Safety Profile

Well-tolerated and safe for extended supplementation in chronic neurological conditions

Trusted Brand Heritage

Backed by Human Orthocare's commitment to excellence in neurocare injectable solutions







Contact Us

Step into care that moves you forward.

Use with clinical discretion, especially in high-risk orthopedic conditions.

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For medical queries or collaboration:



www.humanorthocare.com