

# 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](http://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

✔ **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	✗ Variable
Onset of Action	✓ Rapid	⚠ Slow
Nerve Regeneration	✓ Strong	✓ Moderate
Use in Severe Neuropathy	✓ Preferred	⚠ Limited
Patient Compliance	✓ High (weekly/biweekly)	⚠ Moderate



# Dosage & Administration

1

## 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

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



# Why Prescribe Renuron<sup>®</sup>-1500?

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







**Human  
Ortho Care**

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## 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:**



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