

RENURON®-2500 INJECTION

Methylcobalamin I.P. 2500 mcg

"High-Potency Neurotropic Therapy for Severe Neuropathy"

Marketed by: Human Orthocare

A Subsidiary of Human Biolife India Pvt. Ltd.

www.humanorthocare.com





Product Overview

Composition (per ampoule)

Methylcobalamin I.P. – 2500 mcg

Key Features

- High-strength injectable form of Vitamin B12
- Promotes **nerve repair, myelin regeneration & axonal growth**
- Injectable route → faster action & higher bioavailability
- Indicated for **moderate to severe neuropathic disorders**

Mechanism of Action



Active Coenzyme Form

Methylcobalamin is the active coenzyme form of Vitamin B12, readily utilised by nerve cells

DNA & Protein Synthesis

Enhances DNA & protein synthesis essential for neuronal repair and regeneration



Myelin Sheath Regeneration

Promotes **myelin sheath regeneration** → restores proper nerve conduction



Axonal Transport

Improves axonal transport & synaptic transmission for better nerve function



Neurovascular Protection

Regulates homocysteine levels → provides neurovascular protection

👍 ⭐ Result → Stronger nerve regeneration + faster symptom relief

Clinical Indications

💡 Renuron®-2500 Injection is recommended for:

Diabetic Peripheral Neuropathy

First-line treatment for diabetic nerve complications

Alcoholic & Nutritional Neuropathy

Addresses B12 deficiency-related nerve damage

Chronic Radiculopathy & Sciatica

Supports nerve root healing and pain reduction

Post-Herpetic Neuralgia

Manages persistent nerve pain following shingles

Peripheral Nerve Injuries

Accelerates recovery from traumatic nerve damage

Neurodegenerative Disorders

Valuable adjuvant therapy for comprehensive care

Clinical Advantages

★ Key Benefits of Renuron®-2500



Higher Potency

Superior strength compared to 1500 mcg formulations for enhanced therapeutic effect



Rapid Symptom Relief

Quick improvement in **burning, tingling, numbness & pain** symptoms



Injectable Advantage

Bypasses GI absorption issues for direct therapeutic action



Severe Case Management

Particularly suitable for **severe or resistant neuropathic cases**



Improved Outcomes

Enhances nerve conduction velocity & overall quality of life

Comparison with Renuron®-1500

Parameter	Renuron®-1500 Inj.	Renuron®-2500 Inj.
Methylcobalamin Strength	1500 mcg	2500 mcg
Onset of Action	✓ Rapid	✓ Faster
Use in Mild Neuropathy	✓ Yes	⚠ Optional
Use in Severe Neuropathy	⚠ May need higher doses	✓ Strongly Preferred
Patient Compliance	✓ Good	✓ Better (less frequent dosing)

📘 Renuron®-2500 offers superior therapeutic outcomes for severe neuropathic conditions

Dosage & Administration



Standard Dosage

2500 mcg IM/IV

Once or twice weekly
(as per severity)



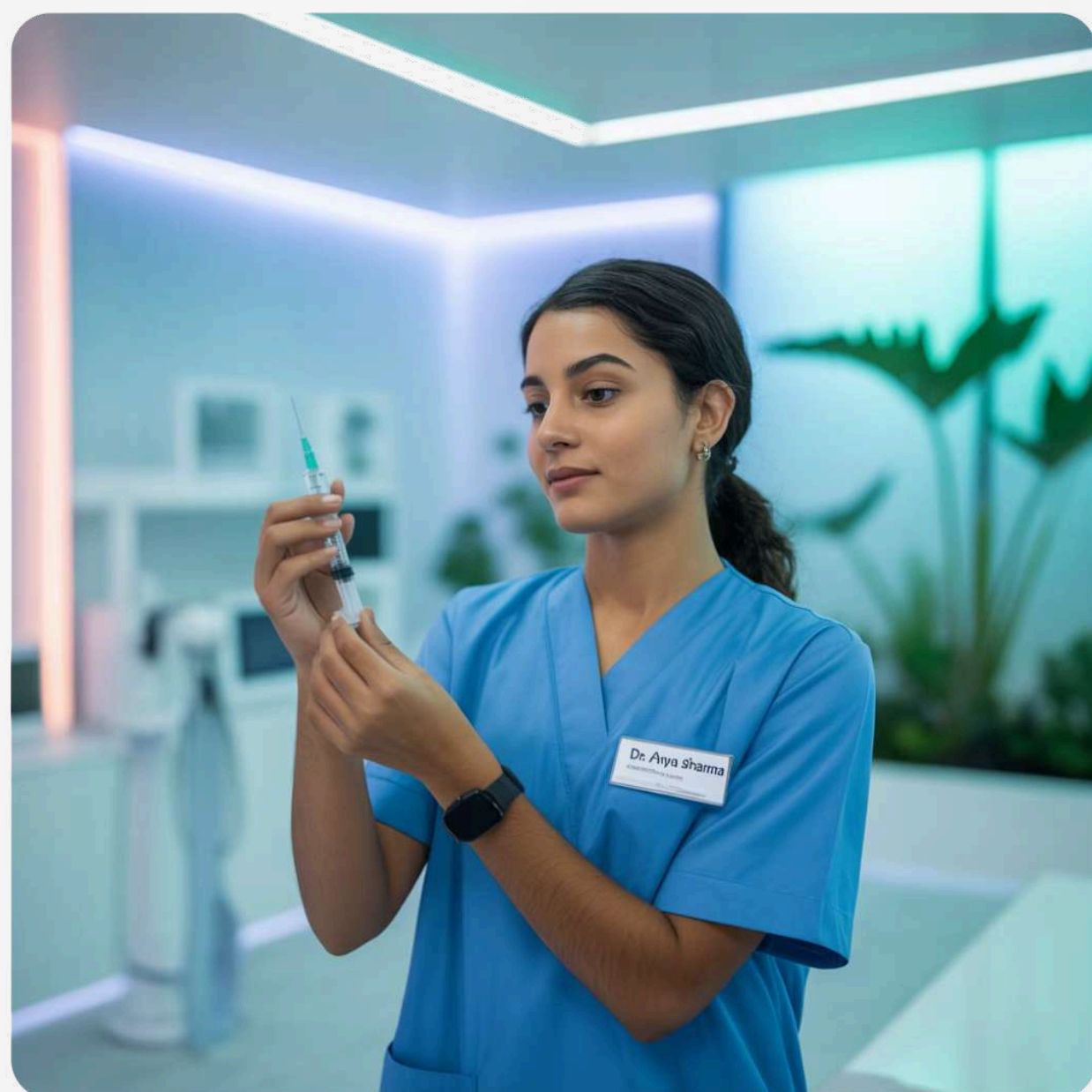
Maintenance Therapy

Weekly or bi-weekly dosing
Based on patient response
and clinical improvement



⚠️ Administration Guidelines:

- Administer slowly IM or IV
- Adjust frequency in elderly or sensitive patients



Safety & Tolerability

Generally Well-Tolerated

Possible side effects (rare):

- Mild injection site irritation
- GI upset, dizziness, rash (rare)






Contraindications

- Hypersensitivity to cobalamins
- Leber's hereditary optic neuropathy (contraindicated)

- ✓ Excellent safety profile with minimal adverse effects reported in clinical practice

Why Prescribe Renuron®-2500?

Doctor's Choice For:

-  **High-Strength Neurotropic Therapy**
Optimal treatment for severe neuropathy with superior potency
-  **Faster Recovery**
Accelerated healing compared to standard-dose B12 injectables
-  **Comprehensive Nerve Support**
Improves nerve conduction, reduces pain & enhances patient mobility
-  **Versatile Applications**
Ideal for **diabetic, post-herpetic & peripheral neuropathies**
-  **Trusted Quality**
Backed by *Human Orthocare* trusted injectable quality standards





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