



## UNDERSTANDING YOUR TREATMENT



# Methylcobalamin B12

The bioactive form of vitamin B12 for energy, nerve health, and methylation support.

- i** Methylcobalamin is the bioactive, methylated form of vitamin B12 — a cofactor for methionine synthase in the methylation cycle and essential for neurological function, red blood cell formation, and DNA synthesis. Unlike cyanocobalamin, methylcobalamin provides a ready-made methyl group for homocyste

**HOW IT WORKS****1****Compound Class**

Essential Vitamin (B12)

**2****Form**

Methylcobalamin (bioactive)

**3****Route**

Intramuscular / Subcutaneous

**Talk to your prescriber about whether Methylcobalamin B12 may be right for you**

This compound is available by prescription only



## WHAT RESEARCHERS HAVE FOUND

### Neuropathy

Clinical studies show methylcobalamin at high doses improves nerve conduction velocity and reduces symptoms of peripheral neuropathy, particularly in diabetic patients.

*Journal of Neurological Science, 2013*

### Homocysteine Reduction

B12 supplementation significantly reduces homocysteine levels, a recognized cardiovascular risk factor, particularly in patients with MTHFR polymorphisms.

*American Journal of Clinical Nutrition, 2010*

## QUESTIONS TO ASK YOUR PROVIDER

- ? What evidence level supports Methylcobalamin B12 for this patient's indication?
- ? What monitoring protocol should I establish?
- ? Are there contraindications or interactions to screen for?
- ? What is the recommended duration and cycling protocol?
- ? What is the current regulatory status?

## IMPORTANT SAFETY INFO

B12 injections are generally considered very safe with minimal side effects

Injection site soreness or mild redness is the most common report

Rarely, some patients may experience mild diarrhea or headache

Water-soluble vitamin — excess is excreted renally

No known drug interactions at standard therapeutic doses

### Have Questions?

## Eternal Beauty Medical Aesthetics

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<https://www.eternalbeautytexarkana.com>

This is a compounded preparation and is NOT an FDA-approved product. It is prepared by a licensed pharmacy based on a prescription from your healthcare provider. The safety and efficacy of this compounded preparation have not been established by the FDA.