



UNDERSTANDING YOUR TREATMENT

TB-500

A physician's guide to thymosin beta-4 fragment for systemic recovery

- i** TB-500 is a synthetic fragment/analog of thymosin beta-4, a naturally occurring 43-amino acid actin-binding protein present in all human cells. Thymosin beta-4 regulates actin polymerization, cell migration, and angiogenesis — fundamental processes in wound healing and tissue repair. TB-500 typically

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

Recovery Peptide (Thymosin Beta-4 Fragment)

2**Amino Acids**

43 (full Thymosin Beta-4)

3**Key Advantage**

Systemic circulation — reaches injuries body-wide

Talk to your prescriber about whether TB-500 may be right for you

This compound is available by prescription only



WHAT RESEARCHERS HAVE FOUND

Cardiac Repair

Thymosin Beta-4 promoted cardiac repair after myocardial infarction by activating epicardial progenitor cells and promoting neovascularization in animal models.

Nature, 2004

Wound Healing and Anti-Scarring

TB-4 accelerated wound closure, reduced inflammation, and decreased scar formation. Promoted corneal epithelial healing and dermal wound repair.

Annals of the New York Academy of Sciences, 2007

QUESTIONS TO ASK YOUR PROVIDER

- ? What preclinical evidence supports TB-500 (Thymosin Beta-4) for this patient's specific injury or condition?
- ? What is the optimal dosing and duration protocol, and should TB-500 (Thymosin Beta-4) be combined with other peptides?
- ? What are the theoretical risks given TB-500 (Thymosin Beta-4)'s angiogenic properties in patients with malignancy history?
- ? What is the current FDA regulatory status and compounding availability?
- ? How do I set realistic patient expectations given the preclinical evidence base?

IMPORTANT SAFETY INFO

Generally well-tolerated with minimal reported side effects

Injection site reactions are most common

Mild headache and fatigue may occur during loading phase

No long-term human clinical trial data available

Have Questions?

Eternal Beauty Medical Aesthetics

9032789566

<https://www.eternalbeautytxarkana.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.