Thymosin Beta - 4

What is Thymosin Beta-4?

Thymosin is a hormone secreted from the thymus. The thymus is responsible for regulating the immune system and tissue repair. Thymosin Beta-4 has been found to play an important role in protection, regeneration, and remodeling of injured or damaged tissue. It is prescribed for acute injury, surgical repair, and patients that were once athletes that accumulated injury over their lifetime. It acts as a major actin-sequestering molecule and can be taken after cardiac injury for better healing of the tissue in the heart. It is best prescribed to be taken once daily for 20 days.

How does Thymosin Beta-4 work?

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Patient Benefits

Thymosin Beta-4 has been shown to:

- Calms muscle spasm
- Improves muscle tone
- Increases exchange of substances between cells
- Encourages tissue repair
- Helps maintain flexibility
- Reduces inflammation of tissue in joints
- Encourages growth of new blood cells in tissue
- Increases endurance and strength
- Prevents the formation of adhesions and fibrous bands in muscles, tendons, and ligaments

What You Need to Know:

Thymosin Beta-4 appears to be quite well tolerated. No adverse drug interaction has been observed. No side effects, other than some irritation or burning sensation at the site of injection, have been reported.

Indications

- Improves healing time
- Increase strength
- Increase endurance

