

# THIOTRIP® INJECTION

Thiocolchicoside I.P. 4 mg

"Powerful Injectable Relief from Acute Painful Muscle Spasm"

**Marketed by:** Human Orthocare

A Subsidiary of Human Biolife India Pvt. Ltd.

[www.humanorthocare.com](http://www.humanorthocare.com)





# Product Overview

## Composition (per ampoule):

① **Thiocolchicoside I.P. – 4 mg**

## Key Features:

- Potent **centrally acting muscle relaxant**
- Provides **rapid relief in acute muscle spasms**
- Ideal for **hospital & OPD use** in severe musculoskeletal pain
- Excellent safety profile in short-term therapy





# muscle Relaxation

## Mechanism of Action

Understanding how Thiotrip® works in orthopaedic conditions



### GABA-ergic Receptor Agonist

Reduces excitability of motor neurons in the central nervous system



### Muscle Spasm Relief

Relieves muscle spasm, stiffness and contracture effectively



### Improved Circulation

Enhances blood circulation and mobility in affected muscles

### ✔️ 🌟 Clinical Outcome

Rapid spasm control + Pain relief + Improved mobility



# Indications in Orthopaedics

**Thiotrip® Injection is recommended for:**

## Spinal Conditions

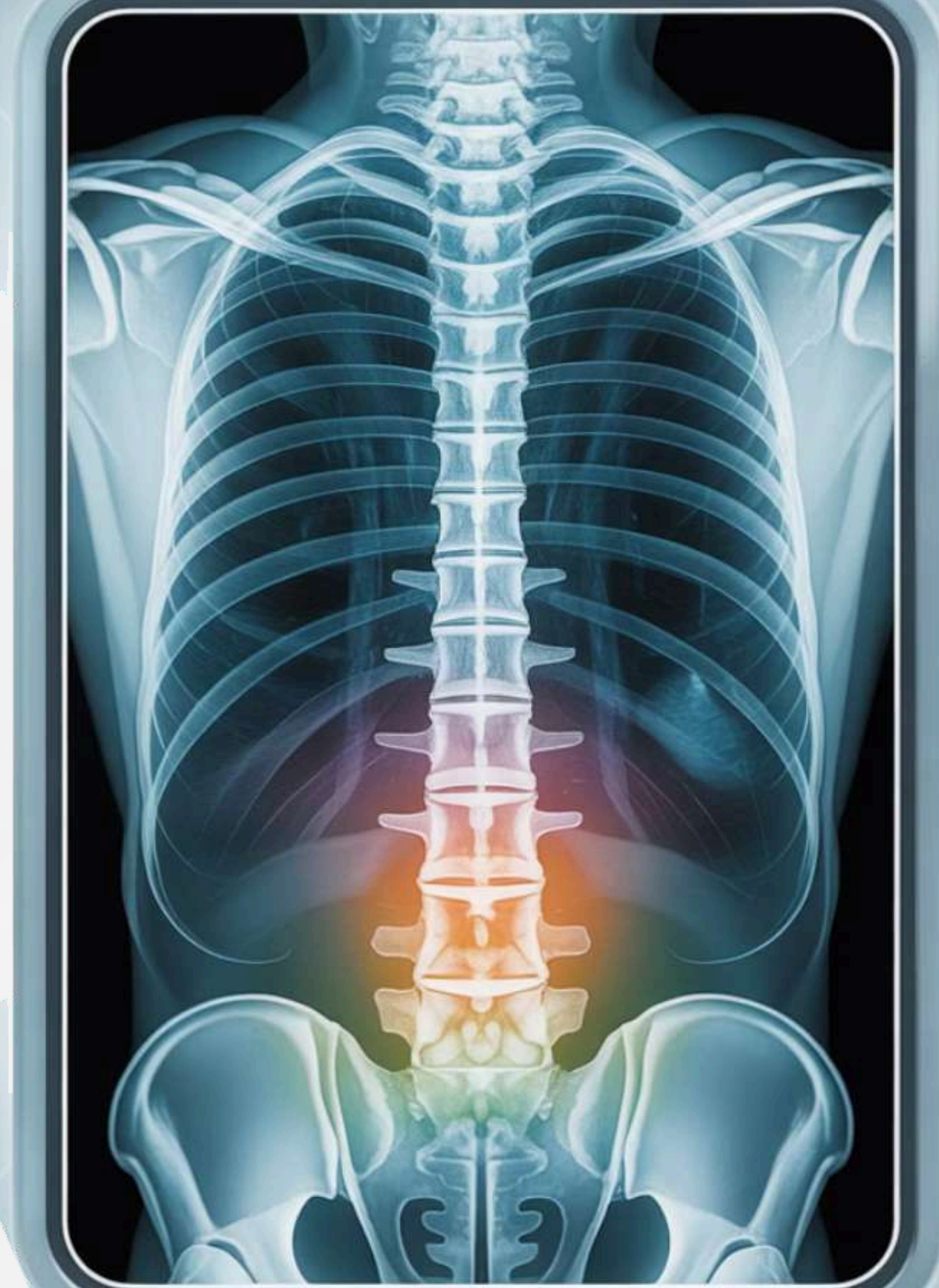
- Acute low back pain (lumbago)
- Lumbar spondylosis
- Cervical spondylosis with painful stiffness

## Nerve-Related Pain

- Sciatica with muscle spasm
- Radiculopathy with spasm
- Post-traumatic musculoskeletal pain

## Joint & Soft Tissue

- Periarthritis with spasm
- Tendinitis and bursitis
- Post-operative muscle spasm





# Clinical Advantages

## Why Orthopaedic Patients Benefit



### Fast Onset of Action

Injection ensures rapid relief compared to oral medications, providing immediate comfort to patients in acute distress.



### Triple Action Relief

Controls **pain + spasm + stiffness** simultaneously, addressing multiple symptoms with one treatment.



### Early Mobilisation

Facilitates **early mobilisation & physiotherapy**, crucial for optimal recovery outcomes.



### Acute Flare-Up Control

Useful in **acute flare-ups** not controlled by oral therapy, providing emergency relief option.



### Reduced Medication Load

Reduces need for higher doses of NSAIDs & analgesics, minimising potential side effects.



# Comparison with Other Muscle Relaxant

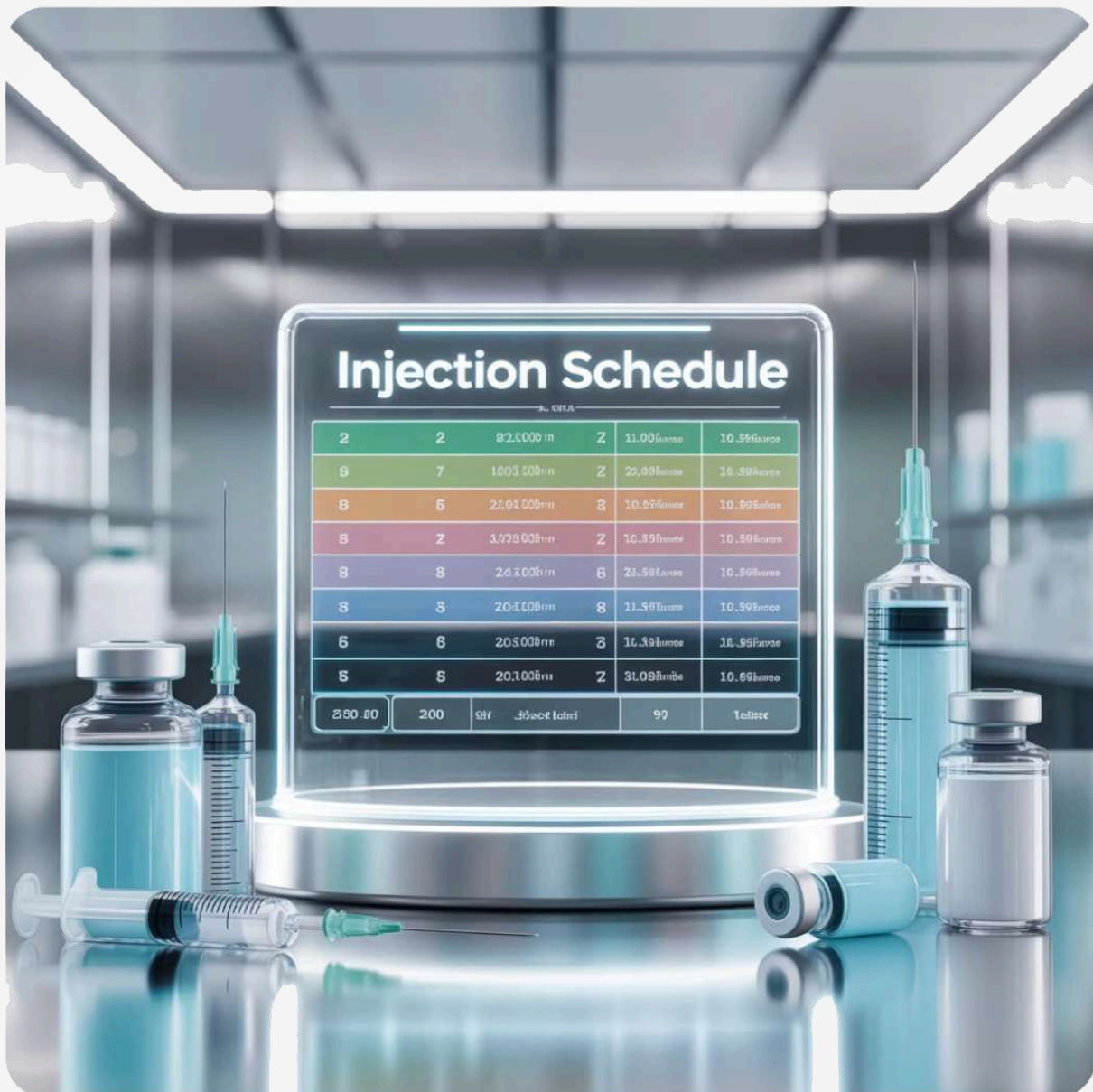
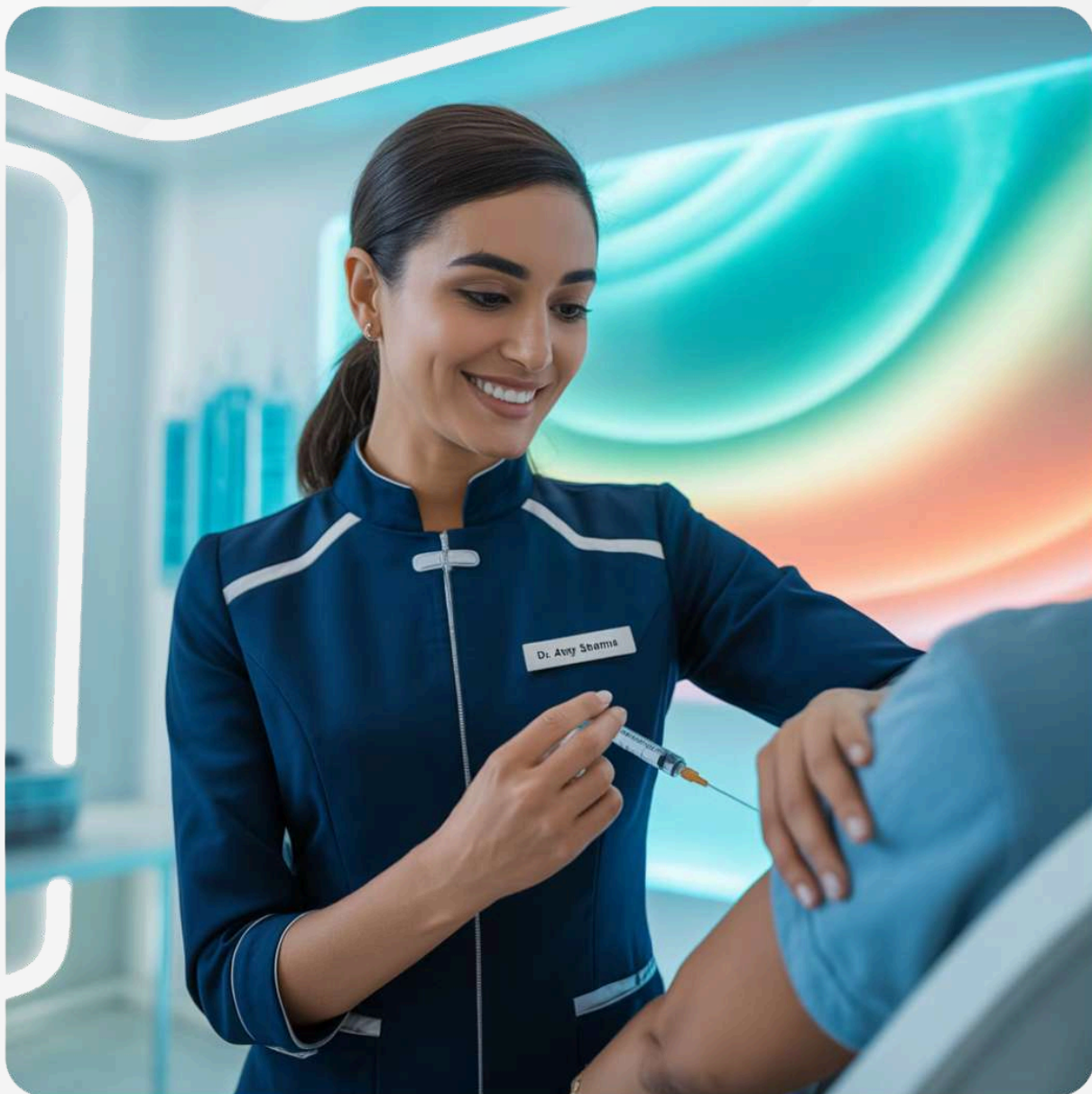
Understanding the advantages of Thiotrip® Injection in clinical practice

Parameter	Thiotrip® Injection	Oral Muscle Relaxants	NSAIDs Alone
Onset of Relief	✓ Rapid (Injection)	⚠ Slower	⚠ Moderate
Muscle Spasm Control	✓ Potent	✓ Moderate	✗ No
Pain + Mobility Relief	✓ Excellent	⚠ Partial	✓ Pain only
Ortho Use (Acute Cases)	✓ Ideal	⚠ Less Preferred	⚠ Limited

## Clinical Insight

Injectable formulation provides superior bioavailability and faster therapeutic response compared to oral alternatives.





# Dosage & Administration

## Recommended Dose in Orthopaedic Patients:

01

### Initial Dose

**4 mg IM injection** once or twice daily as clinically indicated

02

### Duration

**3–5 days** (short-term use only) for acute episodes

03

### Transition

Shift to oral therapy once acute spasm subsides

### Important Notes:

- For **intramuscular use only**
- Administer under medical supervision



# Safety & Tolerability

## Possible Side Effects (rare):

### Local Reactions

Mild local pain or irritation at injection site

### Systemic Effects

Rare GI discomfort or dizziness

## Cautions:

- Contraindicated in pregnancy & lactation
- Avoid in epilepsy & neuromuscular disorders
- Not for long-term continuous use



## Safety Profile

Excellent tolerability when used as directed for short-term acute management.



# Why Orthopaedic Surgeons & Physicians Prescribe Thiotrip® Injection

## Doctor's Choice For:



### Spinal Conditions

Acute painful spasm in **low back, cervical & radiculopathy cases**



### Post-Surgical Care

Post-trauma & post-operative pain relief management



### Rapid Recovery

Patient mobilisation & rehabilitation compliance



### Combination Therapy

Effective add-on with NSAIDs & analgesics



### Trusted Brand

Reliable Human Orthocare injectable muscle relaxant







## 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](http://www.humanorthocare.com)