

# THIOTRIP® GEL (15 G PACK)

Diclofenac Diethylamine 1.16% w/w + Thiocolchicoside 0.125% w/w + Linseed Oil 3% w/w + Methyl Salicylate 10% w/w + Menthol 5% w/w + Benzyl Alcohol 1% w/w

"Dual Relief – Pain & Spasm Control in Ortho Care"

**Marketed by:** Human Orthocare

A Subsidiary of Human Biolife India Pvt. Ltd.

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







# Product Overview

## Composition (per 15 g tube):

### Diclofenac Diethylamine I.P.

**1.16% w/w**

Anti-inflammatory NSAID

### Thiocolchicoside I.P.

**0.125% w/w**

Muscle relaxant

### Linseed Oil B.P.

**3% w/w**

Anti-inflammatory enhancer

### Methyl Salicylate

**10% w/w**

Counterirritant

### Menthol

**5% w/w**

Cooling agent

### Benzyl Alcohol I.P.

**1% w/w**

Preservative

## Key Features

- Combines **NSAID + Muscle Relaxant + Counterirritants**
- Provides **topical pain relief + spasm control**
- Fast-acting, localised action with good skin penetration



# Mechanism of Action

Understanding how Thiotrip® Gel delivers comprehensive orthopaedic relief through multiple pathways:



## **Diclofenac**

Inhibits COX enzymes → ↓ prostaglandins → reduces inflammation & pain



## **Thiocolchicoside**

GABA-ergic action → reduces painful muscle spasms



## **Methyl Salicylate & Menthol**

Counterirritant effect → improves local blood flow & soothing sensation



## **Linseed Oil**

Anti-inflammatory & skin-penetration enhancer



## **Benzyl Alcohol**

Preservative, enhances absorption

**Outcome → Rapid relief from muscle pain, spasm, stiffness & swelling**



# Indications in Orthopaedics

Thiotrip® Gel is specifically formulated for comprehensive orthopaedic care, addressing multiple musculoskeletal conditions:



## **Acute musculoskeletal pain & spasm**

Immediate relief for sudden onset conditions

## **Low back pain, cervical & lumbar spondylosis with spasm**

Targeted treatment for spinal conditions

## **Sports injuries (sprains, strains, contusions)**

Essential for athletic recovery

## **Tendinitis, bursitis, periarthrititis**

Inflammatory joint conditions

## **Osteoarthritis flare-ups with muscle stiffness**

Managing chronic degenerative conditions

## **Post-traumatic swelling & localised pain**

Recovery support after injury



# Clinical Advantages

## Why Ortho Patients Benefit



### Dual Action

Pain relief + muscle relaxation in one formulation



### Localised Relief

Fast-acting, targeted application for immediate results



### Reduced Oral Medication

Decreases need for oral NSAIDs & muscle relaxants



### Enhanced Mobility

Improves mobility & physiotherapy compliance



### Superior Formulation

Non-greasy, easy-to-apply with excellent tolerability

# Comparison with Other Topical Formulations

Thiotrip® Gel demonstrates superior multi-action efficacy compared to single-ingredient alternatives:

Parameter	Thiotrip® Gel (Multi-action)	Diclofenac Gel	Counterirritant Gel
Pain Relief	✔ Strong	✔ Moderate	⚠ Limited
Muscle Spasm Relief	✔ Yes	✘ No	✘ No
Anti-Inflammatory	✔ Potent	✔ Yes	✘ Minimal
Local Blood Flow	✔ Yes	✘ No	✔ Yes
Ortho-Specific Efficacy	✔ Excellent	⚠ Partial	✘ Limited



# Dosage & Administration



## How to Use in Ortho Patients

01

### Application Amount

Apply **2–3 g (pea-sized amount)** over affected area

02

### Massage Technique

Massage gently until completely absorbed into skin

03

### Frequency

Use **2–3 times daily** as directed by physician

### ⊗ Special Notes

- For **external use only**
- Avoid contact with eyes, mucosa, broken skin
- Wash hands thoroughly after application



# Safety & Tolerability

## Well-Tolerated Profile

### Minimal Systemic Absorption

Localised action reduces systemic side effects commonly associated with oral medications

### Rare Local Reactions

Occasional mild local redness or irritation, typically resolves quickly

### Excellent Patient Compliance

Non-greasy formulation encourages consistent use



## Important Cautions

- Avoid application on wounds or eczematous skin
- Not for use with occlusive bandages
- Contraindicated in known hypersensitivity to any ingredients
- Discontinue if severe irritation occurs





## Why Ortho Surgeons & Physicians Prescribe Thiotrip® Gel

### Doctor's Choice For Comprehensive Care

#### Rapid Topical Relief

Effective treatment for muscle pain + spasm with fast onset of action

#### Safer Alternative

Reduced risk profile compared to systemic NSAID/muscle relaxant use

#### Sports Medicine Excellence

Ideal for **sports injuries & trauma** management in active patients

#### Enhanced Compliance

Easy application improves patient adherence to treatment protocols

#### Trusted Brand

Reliable Human Orthocare topical pain-relief formulation with proven efficacy





## Contact Us

Step into care that moves you forward.

Use with clinical discretion, especially in high-risk orthopedic conditions.

**HumAn Orthocare** – A Subsidiary of Human Biolife India Pvt. Ltd.

**For medical queries or collaboration:**

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