

TOLPERIX-SR 450 TABLETS

Tolperisone Hydrochloride Sustained Release 450 mg

"Once-Daily Relief from Muscle Spasm & Stiffness"

Marketed by: Human Orthocare

A Subsidiary of Human Biolife India Pvt. Ltd.

www.humanorthocare.com



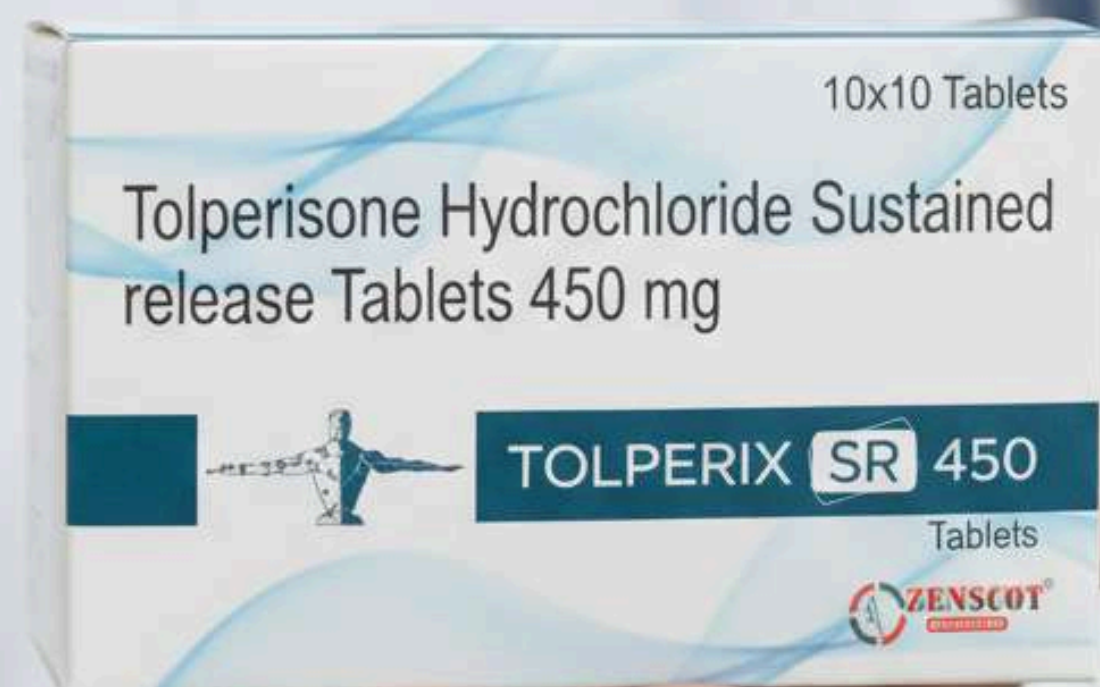
Product Overview

Composition (per tablet):

- Tolperisone Hydrochloride SR – 450 mg

Key Features:

- **Centrally acting non-sedating muscle relaxant**
- **Sustained-release formulation** → once-daily dosing
- Relieves **painful muscle spasm & stiffness**
- Improves mobility & rehab outcomes



Mechanism of Action

 *Tolperisone:*

Blocks sodium & calcium channels in CNS

→ reduces reflex excitability

Relaxes skeletal muscles

without sedation

Improves peripheral circulation

→ reduces ischemic pain

☀ Result → Long-lasting muscle relaxation + pain relief + mobility restoration



Indications (Ortho Focused)

💡 Tolperix-SR 450 is recommended for:

- **Cervical & lumbar spondylosis with spasm**
- **Sciatica, radiculopathy & low back pain**
- **Post-traumatic & post-surgical muscle stiffness**
- **Osteoarthritis & rheumatoid arthritis with painful spasm**
- **Chronic musculoskeletal disorders**
- **Orthopedic rehab & physiotherapy support**

Clinical Advantages

☀ Key Benefits of Tolperix-SR 450:

Once-daily dosing

→ improved compliance

Non-sedating vs other relaxants

Reduces pain, stiffness & restricted mobility

Safer in elderly patients

vs benzodiazepine relaxants

Suitable for long-term ortho management

Comparison with Other Muscle Relaxants

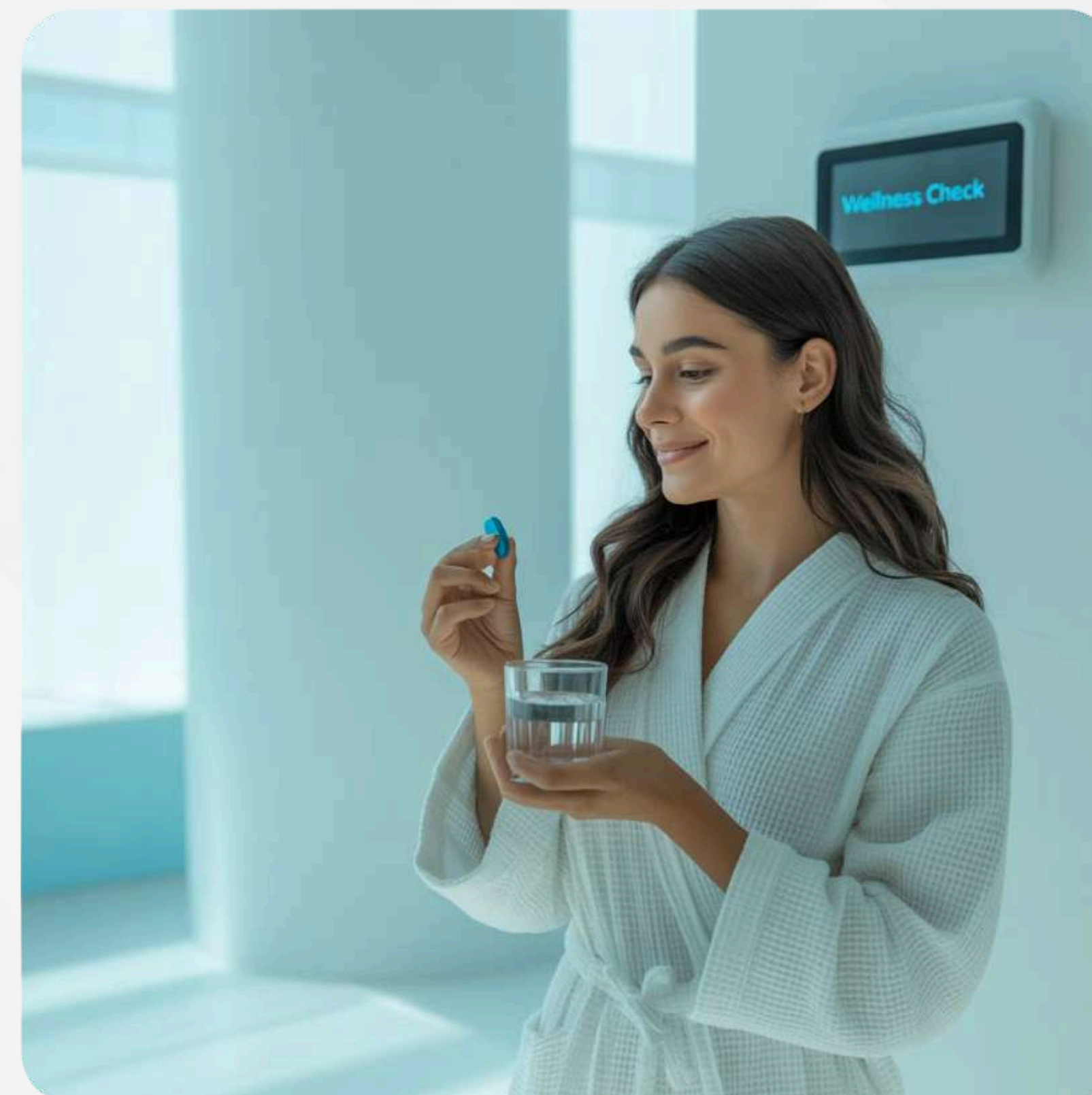
Parameter	Tolperix-SR 450	Chlorzoxazone	Tizanidine
Dosing Frequency	✓ Once daily	✗ 2–3 times	✗ 2–3 times
Sedation	✓ Minimal	⚠ Moderate	⚠ High
Spasm Control	✓ Strong	⚠ Moderate	✓ Strong
Compliance	✓ Excellent	⚠ Poor	⚠ Moderate
Long-Term Suitability	✓ Yes	✗ Limited	✗ Limited

Dosage & Administration

Dosage:

- 1 Tablet **once daily after meals**
- Adjust as per severity & patient profile

- ⚠️ Do not crush/chew (SR formulation)
- ⚠️ Use with caution in elderly or hepatic/renal impairment



Safety & Tolerability

 Generally Well-Tolerated

Possible side effects:

- Mild dizziness, GI upset (rare)
- Hypotension (very rare)

Contraindications:

- Myasthenia gravis
- Severe hepatic/renal impairment
- Pregnancy & lactation (use with caution)





Why Prescribe Tolperix-SR 450?

 Doctor's Choice For:



Long-lasting relief
in spasm & stiffness



Non-sedating muscle relaxant
→ patients stay active



**Enhances rehab & recovery
outcomes**



Once-daily sustained release
→ superior compliance



Backed by *Human Orthocare*
trusted ortho solutions



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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:



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