

KT-LAC INJECTION

Ketorolac Tromethamine I.P. 30 mg

"Opioid-Level Pain Relief Non-Addictive"

Marketed by: Human Orthocare

A Subsidiary of Human Biolife India Pvt. Ltd.

www.humanorthocare.com



Product Overview

Composition (per ml):

 **Ketorolac Tromethamine I.P. – 30 mg**

Key Features:

- Potent injectable NSAID with analgesic efficacy comparable to opioids
- Rapid onset of action → strong pain control within minutes
- Non-sedating & non-addictive alternative to opioids
- Ideal for **post-operative & trauma-related acute pain**

KT-LAC Injection provides powerful pain management with the safety profile healthcare professionals trust for acute pain scenarios.



Mechanism of Action



COX Inhibition

Inhibits COX-1 & COX-2 enzymes



Prostaglandin Reduction

Decreases prostaglandin synthesis



Pain Relief

Central & peripheral pain relief mechanisms

✓ **Result:** Fast, strong & sustained acute pain management with powerful anti-inflammatory & analgesic effects



Clinical Indications

KT-LAC Injection is recommended for short-term management of:



Post-operative Pain

Orthopaedic, gynaecological, ENT, dental procedures



Post-traumatic Pain

Fractures, accidents, injuries



Renal Colic

As adjunctive therapy



Musculoskeletal Pain

Acute pain & sprains



Arthritis Flare-ups

Acute inflammatory episodes

Clinical Advantages



Opioid-Level Efficacy

Analgesic efficacy comparable to opioids without the associated risks



Safety Profile

Avoids risks of dependence, tolerance & respiratory depression



Opioid-Sparing

Reduces opioid requirement in surgical practice



Versatile Application

Suitable for both inpatient & emergency settings



Rapid Relief

Rapid onset ensures quick patient comfort & mobilisation

Comparison with Other Analgesics

Parameter	KT-LAC Injection (Ketorolac)	Diclofenac Inj.	Opioids
Analgesic Strength	✓ Very High	⚠ Moderate	✓ Very High
Anti-inflammatory	✓ Yes	✓ Yes	✗ No
Addiction Potential	✗ None	✗ None	⚠ High
Sedation	✗ No	✗ No	✓ Yes
Use in Post-op Pain	✓ Excellent	⚠ Moderate	✓ Excellent

Dosage & Administration

- Adult Dosage**
30 mg IM/IV every 6 hours as needed
Maximum: 120 mg/day

- Duration**
≤ 5 days (short-term use only)
Optimal for acute pain management

⚠ **Important:** Adjust dose in elderly & renal impairment
Not recommended for paediatric patients (<16 years)



Proper dosing ensures optimal therapeutic outcomes whilst maintaining safety for patients across different clinical scenarios.

Safety & Tolerability

Possible Side Effects:

- GI irritation, nausea, dizziness
- Rare: GI bleeding, renal impairment, injection site pain



Contraindications:

GI Conditions

Active peptic ulcer/GI bleed

Renal Issues

Renal impairment or dehydration

Allergies

Hypersensitivity to NSAIDs

Special Populations

Pregnancy & lactation

Why Prescribe KT-LAC Injection?

Doctor's Choice For:

Superior Efficacy

Opioid-level pain relief without addiction risk

Rapid Action

Rapid onset for acute & post-surgical pain

Opioid-Sparing

Reduces need for opioids in peri-operative care

Versatile Practice

Reliable option in ortho, trauma, surgical & emergency practice

Trusted Quality

Trusted Human Orthocare injectable formulation





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