

# FLUPINEX-100 CAPSULES

Flupirtine Maleate 100 mg

"Novel Non-Opioid Analgesic with Muscle Relaxant Action"

**Marketed by:** Human Orthocare

A Subsidiary of Human Biolife India Pvt. Ltd.

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







# Product Overview

## Composition (per capsule):

 **Flupirtine Maleate – 100 mg**

## Key Features:

- Centrally acting non-opioid analgesic (NNEA)
- Dual action: *analgesic + muscle relaxant*
- No opioid dependence, no NSAID-related gastric toxicity
- Suitable for *chronic musculoskeletal & neuropathic pain*

Flupinex-100 represents a breakthrough in pain management, offering effective relief without the traditional risks associated with opioids or NSAIDs.



# Mechanism of Action



## Selective Neuronal Potassium Channel Opener (SNEPCO)

Opens specific potassium channels in neurons



## Reduces Neuronal Excitability

Decreases nerve firing → analgesic effect



## Indirect NMDA Receptor Antagonist

Prevents central sensitisation



## CNS Muscle Relaxation

Provides muscle relaxation via CNS modulation

**Result:** Effective pain & spasm relief without opioid/NSAID drawbacks





# Clinical Indications

Flupinex-100 Capsules are recommended for a comprehensive range of pain conditions:



## **Chronic Musculoskeletal Pain**

Back pain, spondylosis, and related conditions



## **Neuropathic Pain Syndromes**

Nerve-related pain conditions requiring specialised treatment



## **Arthritis Pain Management**

Osteoarthritis & rheumatoid arthritis pain relief



## **Fibromyalgia & Myalgia**

Widespread muscle pain and tender point management



## **Post-operative & Trauma Pain**

Recovery support following surgery or injury



## **Headache & Tension-type Pain**

Off-label use for chronic headache conditions

# Clinical Advantages

## Superior Safety Profile

Non-opioid, non-NSAID formulation provides safer gastric & renal profile compared to traditional analgesics

## Dual Therapeutic Action

Combines effective analgesia with muscle relaxant properties in a single medication

## Versatile Pain Management

Effective in both **acute & chronic pain** conditions across multiple therapeutic areas

## No Respiratory Depression

Unlike opioids, maintains normal respiratory function and cognitive clarity

## Alternative for Intolerant Patients

Ideal solution for patients who cannot tolerate NSAIDs or opioids



# Comparison with Conventional Analgesics

Flupinex-100 offers distinct advantages over traditional pain management options:

Parameter	Flupinex-100 (Flupirtine)	NSAIDs	Opioids
Pain Relief	✓ Strong	✓ Moderate–Strong	✓ Strong
Muscle Relaxation	✓ Yes	✗ None	⚠ Mild
GI/Renal Toxicity	✗ Minimal	✗ High	✓ Low
Dependence Risk	✗ None	✗ None	⚠ High
Chronic Pain Use	✓ Very Useful	⚠ Limited	⚠ Limited

# Dosage & Administration

## Standard Dosage

**100 mg capsule**

2–3 times daily

(maximum 400 mg/day)

Or as directed by physician

## ⚠ Important Guidelines:

- Use lowest effective dose
- Regular monitoring of liver function in long-term therapy



Proper dosing ensures optimal therapeutic benefit while maintaining safety. Healthcare providers should individualise treatment based on patient response and tolerance.



# Safety & Tolerability



## Generally Well-Tolerated

Most patients experience good tolerance with minimal adverse effects



## Possible Side Effects

- Dizziness, fatigue, nausea (usually mild)
- Rare: hepatotoxicity (monitor LFTs in prolonged use)



## Contraindications

- Severe hepatic impairment
- Alcohol abuse or hepatotoxic drug use
- Pregnancy & lactation

Regular monitoring and appropriate patient selection ensure optimal safety outcomes with Flupinex-100 therapy.





# Why Prescribe Flupinex-100?

The Doctor's Choice for Advanced Pain Management



## Unique Mechanism

Novel non-opioid, non-NSAID analgesic offering a distinct therapeutic approach



## Targeted Efficacy

Particularly effective in *chronic musculoskeletal & neuropathic pain* conditions



## Dual Benefits

Provides muscle relaxation without sedation, maintaining patient functionality



## Superior Safety

Safer gastric, renal & cardiovascular profile compared to traditional options



## Trusted Quality

Backed by *Human Orthocare* commitment to excellence and reliability







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