

# QD-MET TABLETS

Metaxalone 400 mg + Diclofenac Potassium I.P. 50 mg

"Dual Power – Pain Relief with Muscle Relaxation"

**Marketed by:** Human Orthocare  
A Subsidiary of Human Biolife India Pvt. Ltd.

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





# Product Overview

## Composition (per tablet):

- Metaxalone – 400 mg
- Diclofenac Potassium I.P. – 50 mg

## Key Features:

- Centrally acting **muscle relaxant + potent NSAID**
- Provides **pain, inflammation & spasm control**
- Rapid onset of action for **acute musculoskeletal conditions**
- Improves compliance with dual-acting single tablet



# Mechanism of Action



## Metaxalone:

- Centrally acting → depresses CNS reflexes → muscle relaxation
- Relieves **muscle spasm & stiffness**
- Enhances physiotherapy outcomes



## Diclofenac Potassium:

- COX inhibition → ↓ prostaglandins → strong anti-inflammatory & analgesic effect
- Rapid absorption → faster pain relief

★ **Result → Comprehensive control of pain + inflammation + spasm**



# Indications (Ortho Focused)

💡 QD-MET Tablets are recommended for:

- **Acute low back pain & cervical spondylosis with spasm**
- **Musculoskeletal trauma (sprains, strains, contusions)**
- **Post-operative muscle stiffness & pain**
- **Osteoarthritis & rheumatoid arthritis with muscle tension**
- **Sports injuries with spasm & inflammation**

# Clinical Advantages

★ Key Benefits of QD-MET:

## **Dual-action formula**

muscle relaxant + NSAID

## **Faster relief**

vs NSAID alone in acute musculoskeletal pain

## **Reduces stiffness**

& improves mobility

## **Enhances rehabilitation**

& physiotherapy compliance

## **Convenient therapy**

single-tablet therapy improves adherence

# Comparison with Other Muscle Relaxant + NSAID Combos

Parameter	QD-MET (Metaxalone + Diclo)	Chlorzoxazone + Diclo	Tizanidine + NSAID
Sedation	✓ Minimal	⚠ Moderate	⚠ High
Spasm Control	✓ Strong	⚠ Moderate	✓ Strong
Pain & Inflammation	✓ Yes (Diclo)	✓ Yes	✓ Yes
Compliance	✓ High (well tolerated)	⚠ Average	⚠ Limited
Ortho Utility	✓ Excellent	⚠ Moderate	⚠ Limited (sedation)



# Dosage & Administration

## Dosage:

- 1 Tablet **twice daily** after meals
- Duration: Short-term (up to 2 weeks) for acute conditions

⊗ ⚠ Avoid alcohol & CNS depressants while on therapy



# Safety & Tolerability

 **Generally Well-Tolerated**

## Possible side effects:

- Drowsiness, dizziness (mild, rare with Metaxalone)
- GI irritation (due to Diclofenac)

## **Contraindications:**

- Severe hepatic/renal impairment
- History of peptic ulcer/GI bleed
- Hypersensitivity to NSAIDs or muscle relaxants
- Pregnancy & lactation (use with caution)





## Why Prescribe QD-MET?

 **Doctor's Choice For:**

Acute musculoskeletal pain with spasm  
& stiffness

Non-sedating relaxant + rapid NSAID  
relief

Enhances mobility & rehabilitation post-  
injury

Reduces need for multiple drug prescriptions

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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