

# **CALCIRIX-D3 Injection**

Cholecalciferol (Vitamin D3) – 600,000 IU

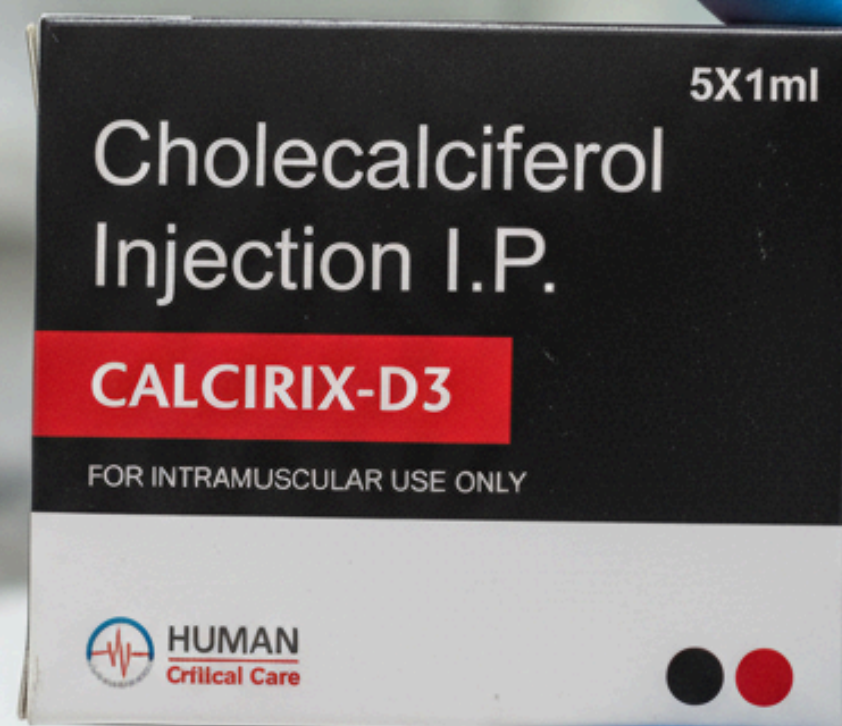
"Rapid Vitamin D3 Repletion for Bone & Immune Health"

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

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







## Product Overview

CALCIRIX-D3 Injection is a high-potency vitamin D3 preparation used to:



Rapidly correct **vitamin D deficiency**



Support **bone mineralization & skeletal health**



Enhance **calcium absorption**



Provide adjunct therapy in osteoporosis, rickets, and hypovitaminosis D





# Mechanism of Action

1

## Cholecalciferol

Converted to active calcitriol in the liver & kidneys

2

## Absorption Enhancement

Increases intestinal calcium & phosphorus absorption

3

## Bone Health

Promotes **bone mineralization** and skeletal strength

4

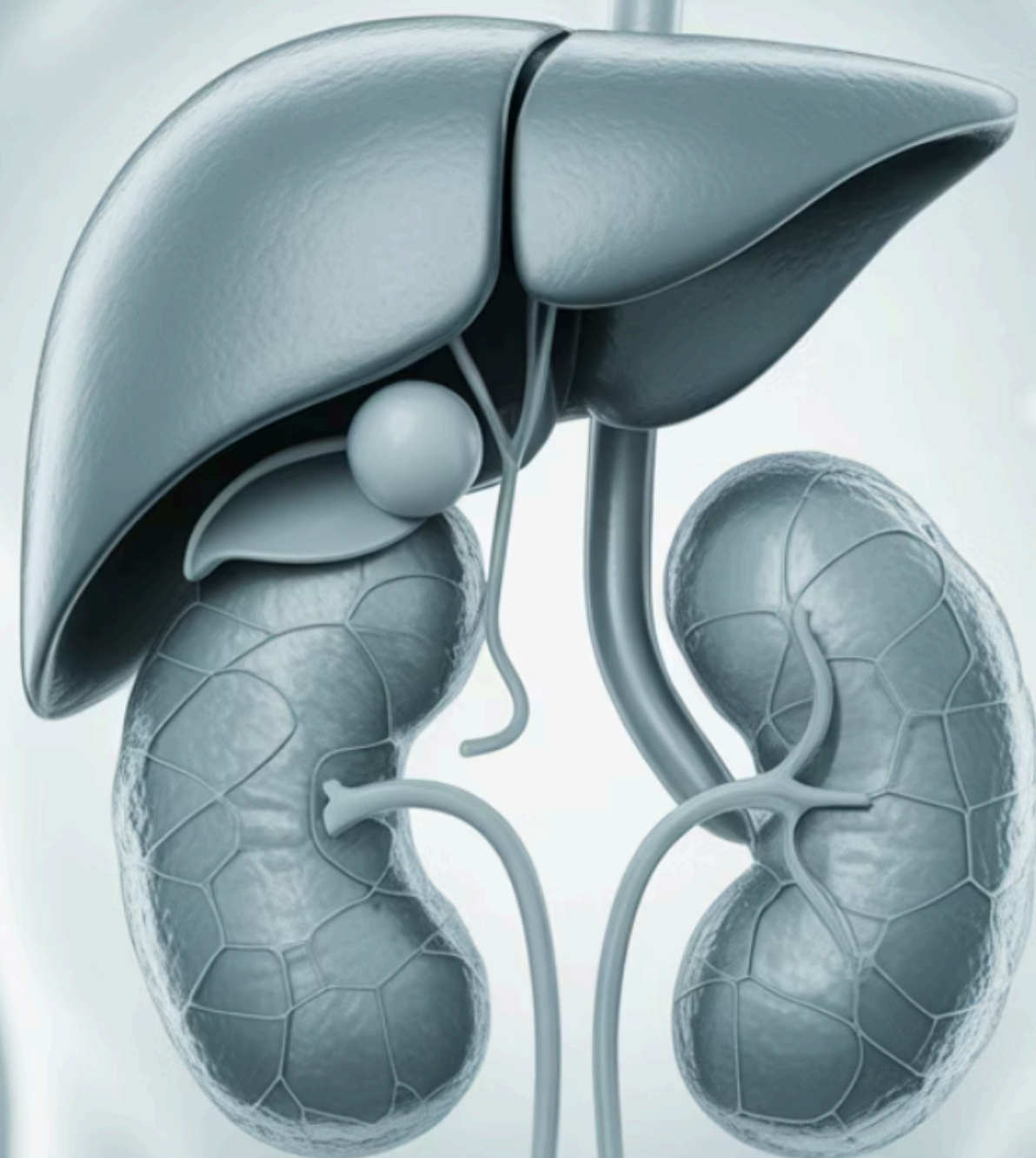
## Immune Support

Modulates **immune function** & neuromuscular health



Result → Rapid correction of deficiency + Strong bones + Immune support

VITAMIN D3 ↔ CALCIUM



IMMUNE FUNCTION +  
INTESTINAL ABSORPTION → CALCIUM

# Indications

Vitamin D deficiency &  
insufficiency

Rickets & osteomalacia

Osteoporosis (adjunct therapy)

Hypocalcemia

Pregnancy & lactation (when rapid correction  
needed)



# Clinical Advantages

## High-dose injectable form

→ fast & effective

## Alternative delivery method

Suitable for **patients unable to take oral therapy**

## Bone health improvement

Improves **bone density & mineralization**

## Safety profile

Safe and well tolerated under medical supervision

## Flexible dosing

Convenient **single-dose or repeat dosing** as required



# Comparative Advantage

Feature	CALCIRIX-D3 Injection	Oral Vitamin D Supplements
Speed of correction	✓ Rapid	⚠ Slower
High-dose availability	✓ 600,000 IU	⚠ Usually 60,000 IU max
Bioavailability	✓ Direct systemic	⚠ Dependent on GI absorption
Compliance	✓ Single-dose possible	⚠ Daily/weekly dosing required
Suitable for malabsorption	✓ Yes	✗ Limited



# Dosage & Administration

01

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## Adult / Pediatric:

As per physician's prescription

03

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## Follow-up dosing:

Repeat dosing may be needed based on **serum vitamin D levels**

02

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## Administration method:

Typically **single intramuscular injection**

04

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## Pre-administration:

Administer **after correcting hypocalcemia** if present



# Safety & Tolerability

## ✔ Generally well tolerated

Rare adverse effects: hypercalcemia, hypercalciuria

## ⚠ Monitoring required

Monitor serum calcium & phosphate during therapy

## ✘ Contraindicated in hypercalcemia or hypersensitivity





# Why Prescribe CALCIRIX-D3 Injection?



## Rapid correction

Rapid correction of **vitamin D deficiency**



## Multiple conditions

Effective in **osteoporosis, rickets & hypovitaminosis D**



## Special populations

Ideal for patients with **malabsorption or poor compliance with oral therapy**



## Comprehensive health

Enhances bone, muscle & immune health





## 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)