

CALCIRIX® NASAL SPRAY

Calcitonin 2200 IU + Benzalkonium Chloride
0.01% + Phenyl Ethyl Alcohol 0.2%

"Effective Relief in Osteoporosis & Bone Pain Management"

Marketed by: Human Orthocare

A Subsidiary of Human Biolife India Pvt. Ltd.

www.humanorthocare.com





Product Overview



Composition (per spray bottle):

Calcitonin

2200 IU
Active hormone

Benzalkonium Chloride

0.01%
Preservative

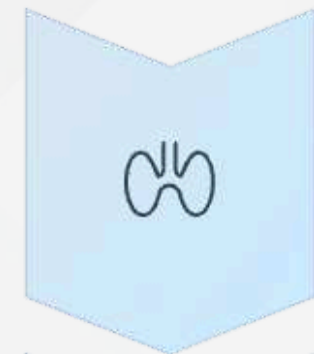
Phenyl Ethyl Alcohol

0.2%
Stabiliser

Key Features:

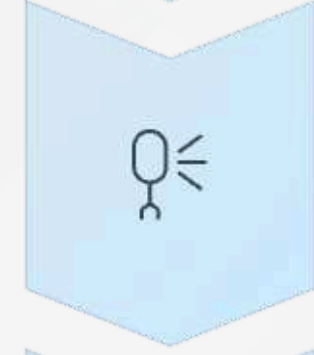
- Peptide Hormone Regulation**
Calcitonin regulates calcium metabolism naturally
- Osteoporosis Relief**
Provides relief in osteoporosis and bone pain, especially from vertebral fractures

Mechanism of Action



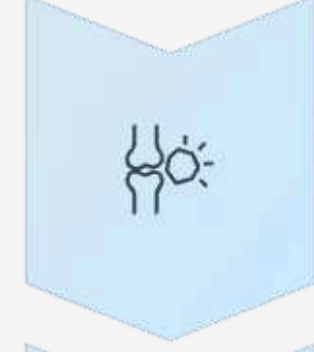
Natural Secretion

Secreted naturally by thyroid parafollicular cells



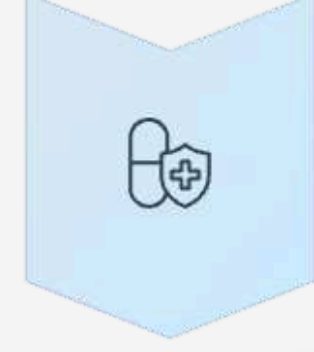
Receptor Binding

Binds osteoclast receptors to reduce bone resorption



Calcium Regulation

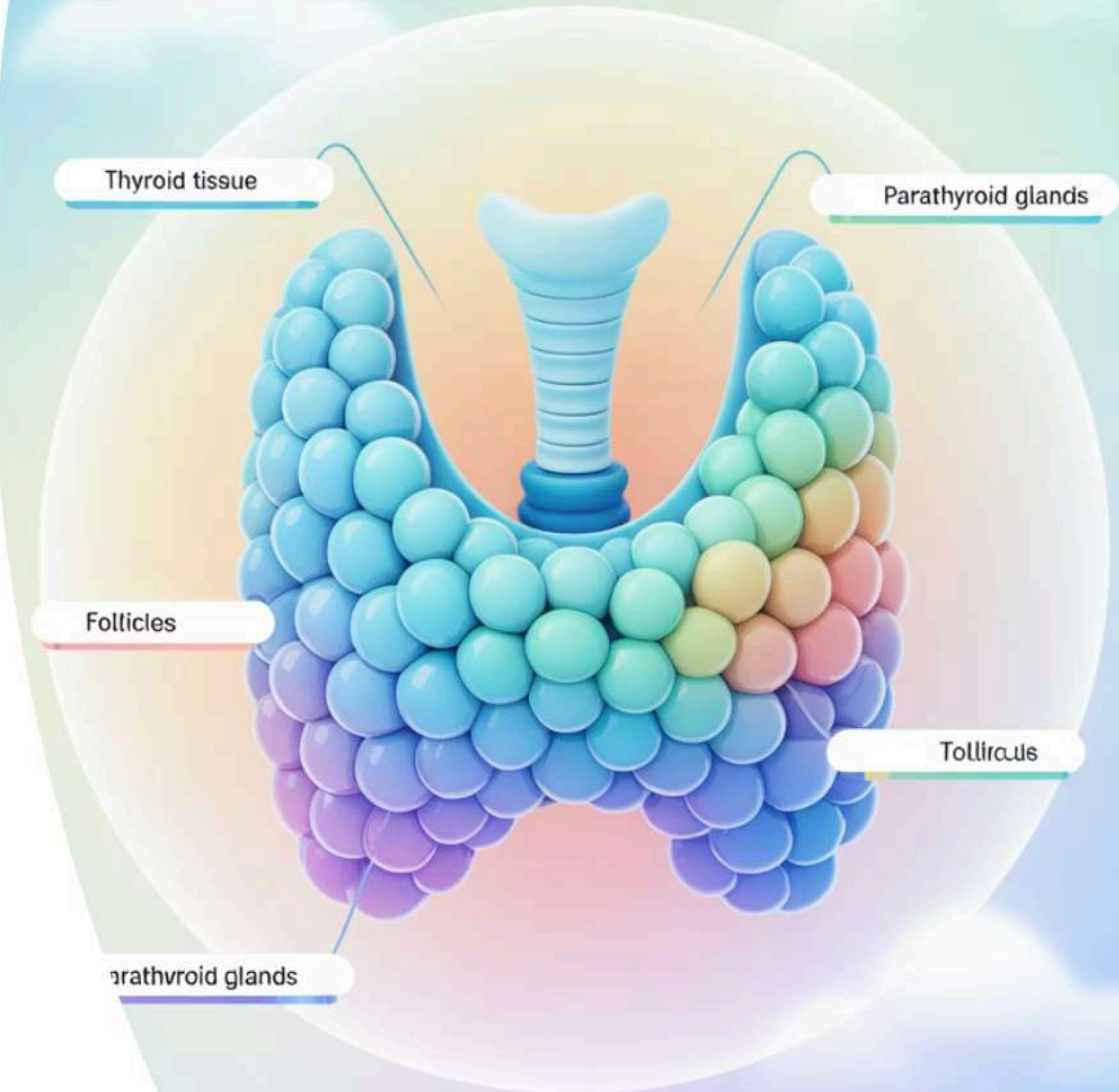
Lowers serum calcium and improves bone density



Analgesic Effect

Provides analgesic effect in osteoporotic fractures

✓ **Result: Slower bone loss + Pain relief in osteoporosis**



Indications

Calcirix® Nasal Spray is recommended for:

Post-menopausal Osteoporosis

Primary indication for bone density preservation

Painful Vertebral Compression Fractures

Provides significant pain relief and healing support

Hypercalcaemia Management

Adjunct therapy for calcium level regulation

Paget's Disease of Bone

Helps manage abnormal bone remodelling

Osteolytic Bone Metastasis

Supportive therapy for bone protection

Clinical Advantages

Key Benefits of Calcirix[®] Nasal Spray:



Non-invasive Delivery

Convenient nasal spray delivery system eliminates need for injections



Effective Pain Relief

Reduces bone pain and fracture discomfort significantly



Slows Progression

Effectively slows down osteoporosis progression



Quick Relief

Provides rapid relief in vertebral fractures

Long-term Safety

Safe for long-term use under medical supervision

Comparison with Other Osteoporosis Treatments

Parameter	Calcirix® Nasal Spray (Calcitonin)	Bisphosphonates (e.g., Ibandronate)	Calcium + Vit D3
Pain Relief (Fractures)	✓ Yes (Analgesic effect)	✗ No	✗ No
Bone Resorption Block	✓ Moderate	✓ Strong	✗ Absent
Ease of Use	✓ Nasal Spray	⚠ Oral (with restrictions)	✓ Easy
Long-Term Fracture Prevention	⚠ Supportive only	✓ Strong	⚠ Moderate

Dosage & Administration

Dosage:



Standard Dose

Calcitonin Nasal Spray (2200 IU):

1 spray (usually 200 IU) once daily, alternating nostrils



Medical Guidance

Or as directed by physician based on individual patient needs

⚠ Important Instructions:

- Ensure proper nasal hygiene before application
- Do not exceed prescribed dose
- Alternate nostrils daily for optimal absorption



Safety & Tolerability

Generally Well-Tolerated

Possible Side Effects:

Nasal Effects

- Nasal irritation
- Runny nose
- Dryness

Systemic Effects

- Mild headache
- Nausea
- Rare: allergic reaction

⊗ Contraindications:

- Hypersensitivity to salmon calcitonin
- Chronic nasal disorders (severe rhinitis, nasal septum ulceration)





Why Prescribe Calcirix[®] Nasal Spray?

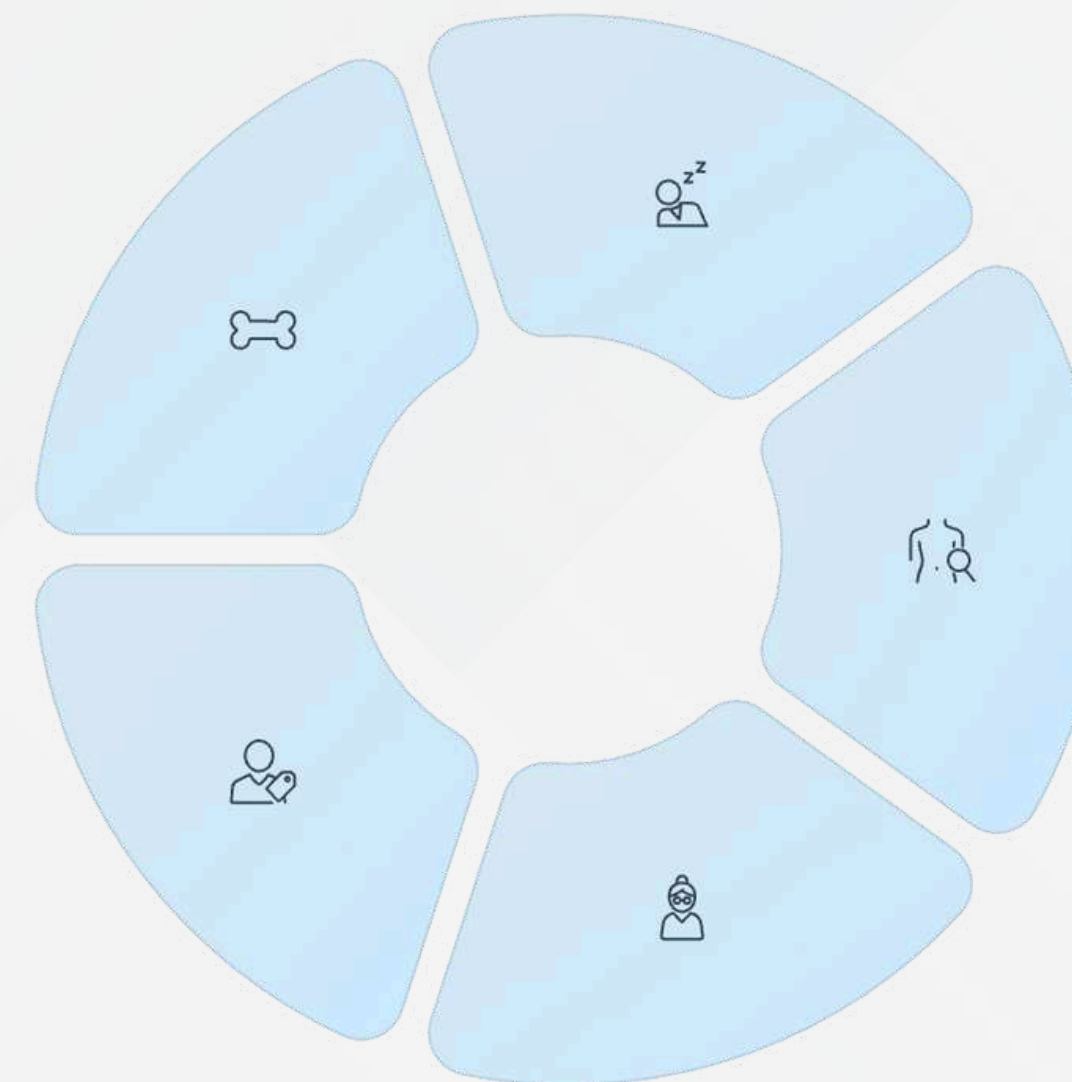
Doctor's Choice For:

Vertebral Fracture Pain

Osteoporotic patients with vertebral fracture pain management

Reliable Product

Trusted product from Human Orthocare



Non-invasive Alternative

Convenient alternative to painful injections

Dual Action

Reduces bone resorption whilst providing pain relief

Patient Compliance

Improves compliance in elderly patients



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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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