



Inorganic Pharmacy- 3-II  
(2024)

# Jointec-Pro (Tablet)

NATURALLY SUPPORTING STRONGER, HEALTHIER BONES



PRESENTED BY

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# Jointec Pro (Tablet) Naturally Supporting Stronger, Healthier Bones

This presentation provides a comprehensive overview of Jointec Pro, a tablet formulated to support joint health and enhance mobility. This presentation aims to inform pharmacy students about its pharmacological, properties, dosage, administration, interactions, contraindications, side effects, and precautions.

For improved **Cartilage matrix** of Joints

**BEXIMCO PHARMA** introduces

 **Jointec® Pro**  
Glucosamine Sulfate 750mg & Chondroitin 600mg Tablet

Professional  Cartilage Protector



**97% dissolution  
within 60 minutes**

**BEXIMCO PHARMA**

The cardio protective benefits of Glucosamine have been re-evaluated recently by the BMJ Journal and the study shows that Glucosamine is beneficial for hearth Health.

According to the study that conducted over 7 years at UK Biobank “Habitual use of glucosamine supplement to relieve osteoarthritis pain might also be related to lower risks of CVD events.”



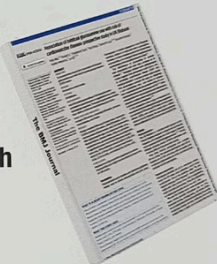
offers,

To improve **Cartilage matrix** of Joints



**Jointec® Pro**

Glucosamine Sulfate 750mg & Chondroitin 600mg Tablet



Association of glucosamine supplement use with risk of cardiovascular disease (CVD) event and CVD death

**15%**

lower risk of total CVD events

**97%**

Dissolution within 60 minutes

Ensures easy swallowing

Opadry OY\*

\* Full prescribing information is available upon request



a U.S. **FDA** approved company

GMP Accreditations



© Jointec Pro is a registered trademark of Beximco Pharmaceuticals Ltd.  
For more information visit: [www.beximcopharma.com](http://www.beximcopharma.com)  
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# Introduction to Jointec Pro Tablet

## Product Name

The Jointec Pro Tablet

## Active Ingredients

Contains 750 mg of Glucosamine Sulfate and 600 mg of Chondroitin Sulfate

## Manufacturer

Produced by Beximco Pharmaceuticals Ltd.

## Unit Price

Priced at ₳ 20.00 per tablet (Pack of 20: ₳ 400.00)



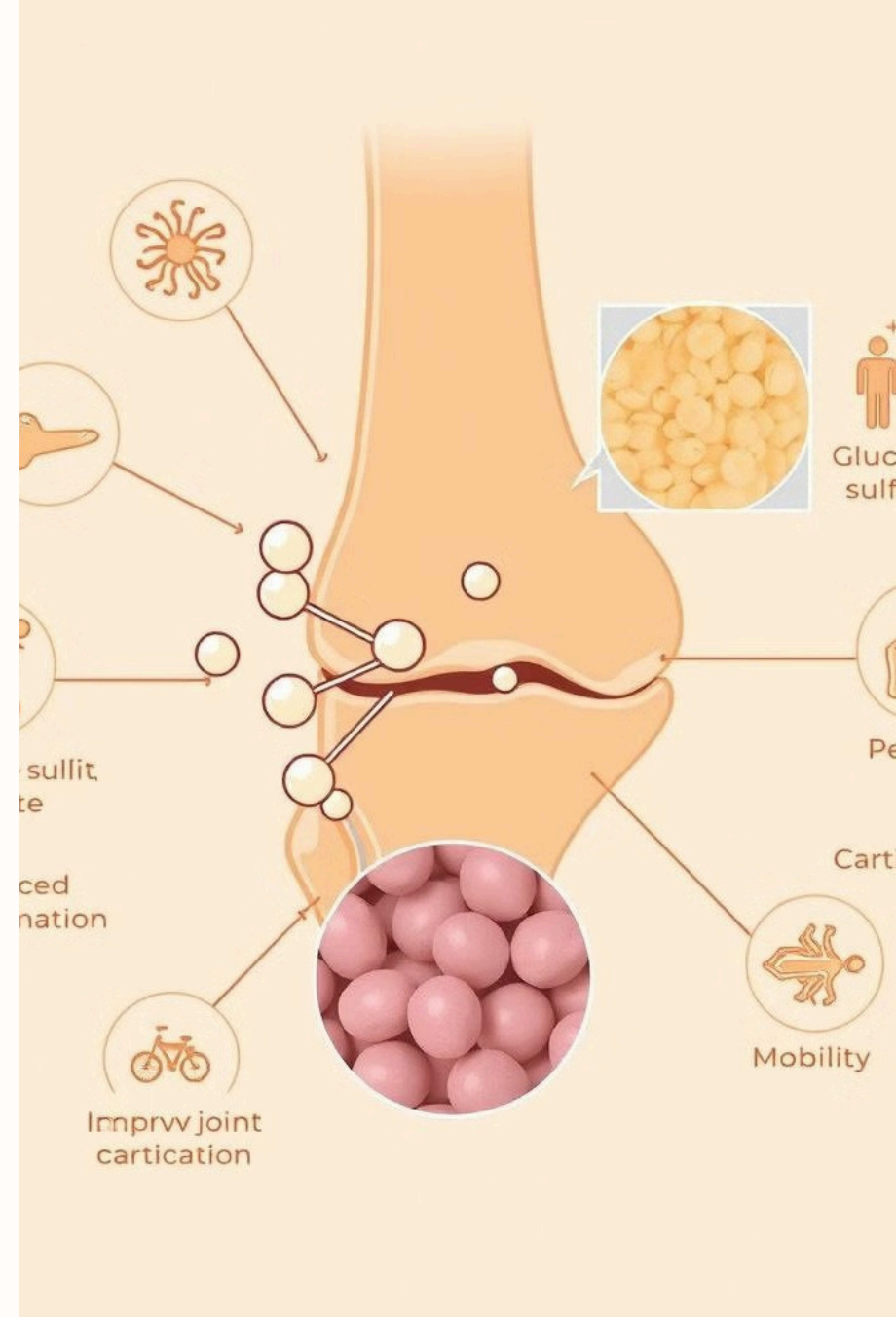
# Pharmacology: Glucosamine Sulfate

**1 Description**  
Naturally occurring amino sugar vital for joint cartilage structure.

**2 Function**  
Essential for biosynthesis of glycosaminoglycans (GAGs) in cartilage.

**3 Benefits**  
Supports connective tissues, may reduce inflammation, promotes cartilage healing.

**4 Clinical Evidence**  
Studies suggest glucosamine sulfate slows osteoarthritis progression and improves joint function.



# Pharmacology: Chondroitin Sulfate

## Description

Glycosaminoglycan found in connective tissues, crucial for cartilage structure.

## Function

Provides substrate for proteoglycans, enhancing cartilage's mechanical properties. Inhibits Matrix Metalloproteinase (MMP) enzymes to protect cartilage.

## Benefits

Synergistic effect with Glucosamine, effective for severe Osteoarthritis, pain management.



## Dosage & Administration

Tablet Type	Recommended Dosage
250/200 mg	1-2 tablets, three times daily. Dose adjusted based on patient response and body weight. 1
750/600 mg	tablet, two times daily or as directed by a physician.



# Interactions, Contraindications, and Side Effects

1

## Drug Interactions

Minimal; Chondroitin may enhance anticoagulant effects.

2

## Contraindications

Hypersensitivity to shellfish or sulfur compounds, caution for anticoagulant therapy.

3

## Side Effects

Generally well-tolerated. Rare, mild, reversible side effects like flatulence, nausea, diarrhea.

# Precautions & Warnings



## Diabetic Patients

Monitor blood glucose levels regularly due to potential effects on glucose metabolism.



## Pediatric Use

Not recommended for children under 18 years due to lack of safety data.



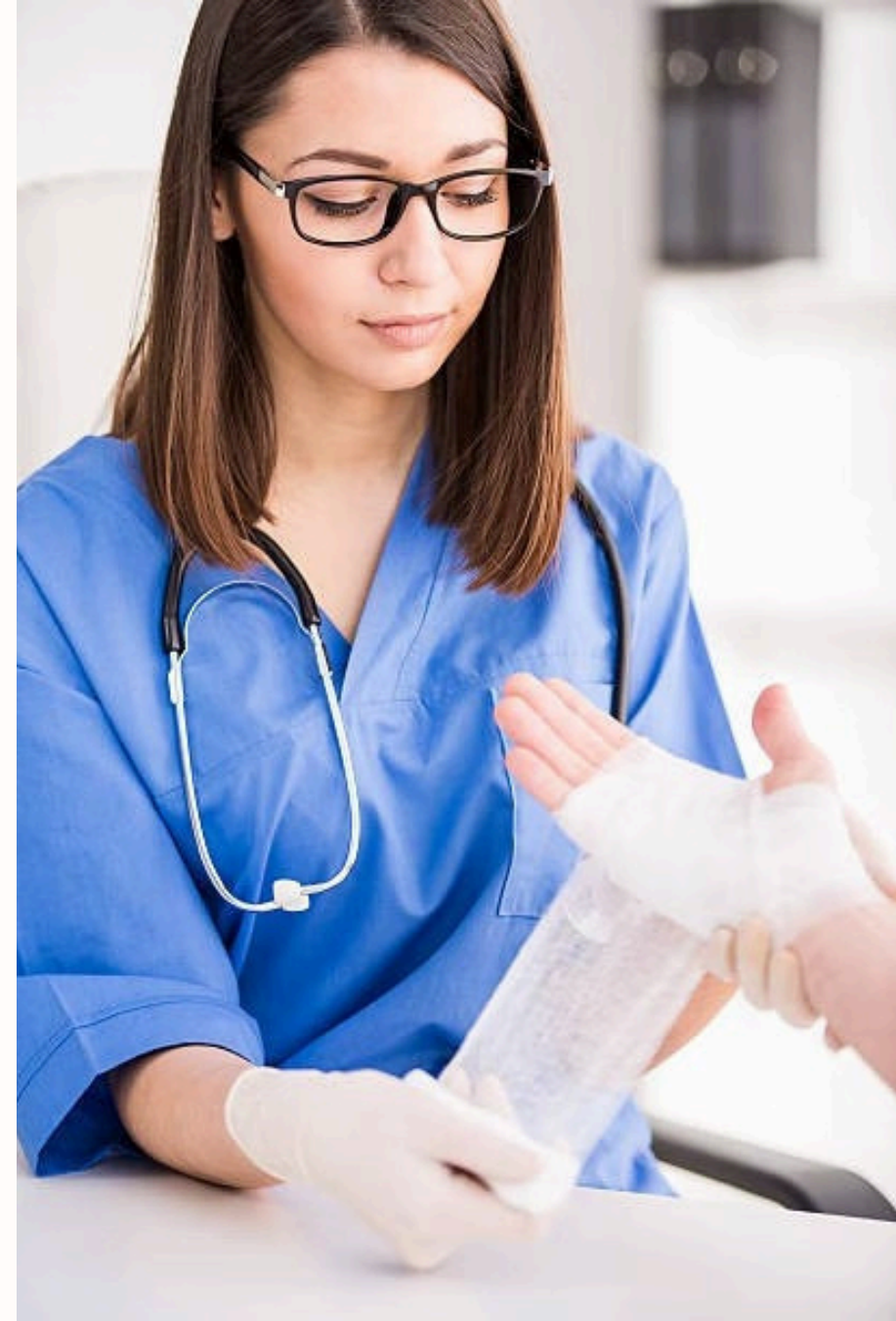
## Renal or Hepatic Insufficiency

Use under medical supervision due to potential altered metabolism and clearance.



## Pregnancy & Lactation

Not recommended due to insufficient safety studies; consult a physician before use.







# Storage & Summary

1

## Storage Conditions

Store in a cool, dry place, shielded from light and moisture. Ensure it is kept away from children's reach.

2

## Summary

Proven effective in managing joint conditions with minimal side effects. However, exercise caution for specific populations and maintain regular consultations with healthcare providers.

3

## Conclusion

Encourage patients to embrace a holistic approach to joint health, combining medication with balanced diet, regular exercise, and lifestyle changes.

# Thank You for Your Time

We appreciate your time and interest in Jointec Pro. We are committed to providing effective and safe solutions for joint health.

