



Daffodil
International
University

Inorganic Pharmacy-II
(Fall 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**

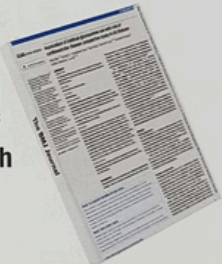
BEXIMCO PHARMA

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.

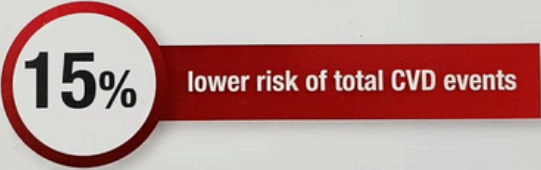
According to the study that conducted over 7 years at UK Biobank “Habitual use of glucosamine supplement to relieve osteoarthritis pain might also be related to lower risks of CVD events.”



To improve **Cartilage matrix** of Joints



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



* Full prescribing information is available upon request

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

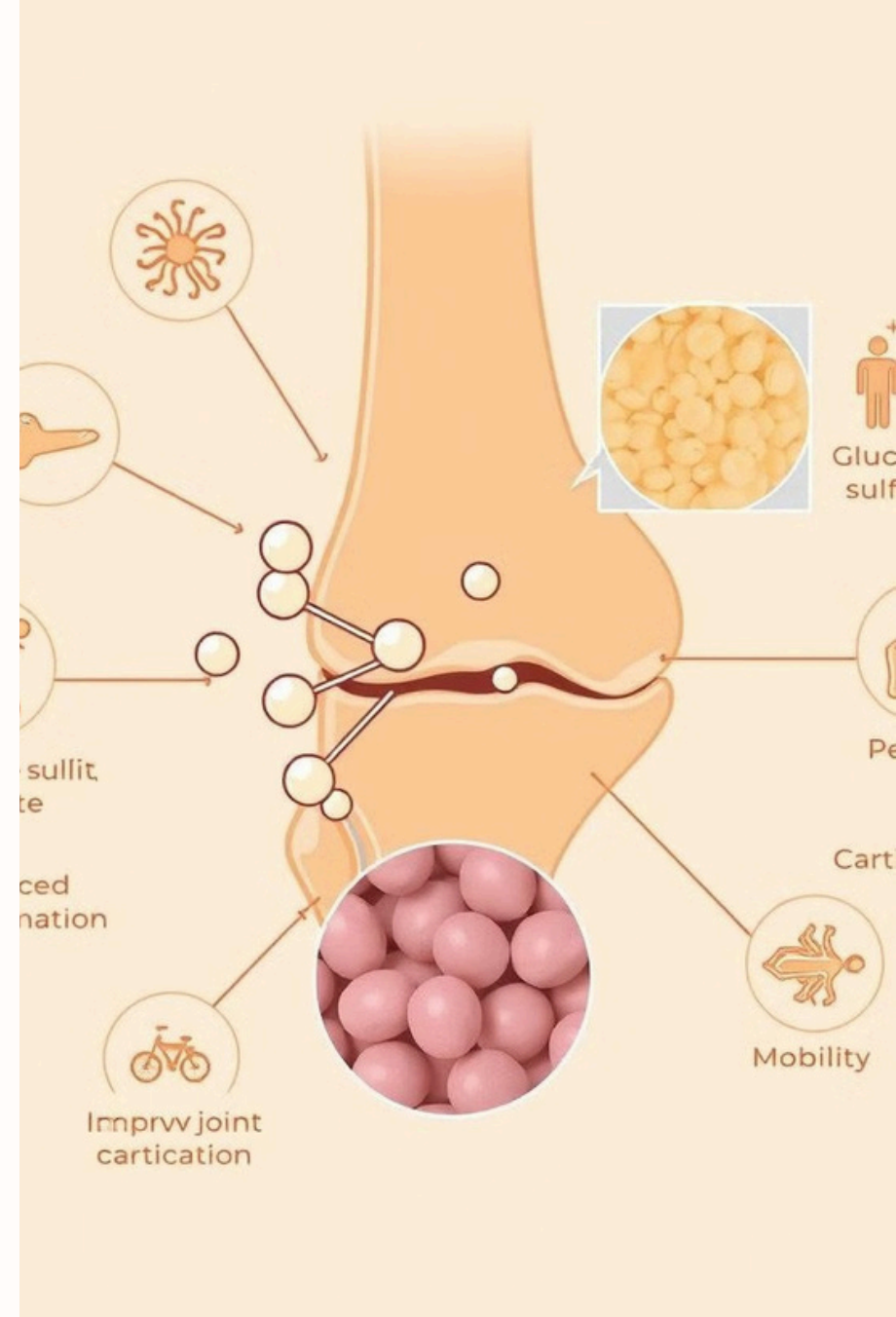
Benefits

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.



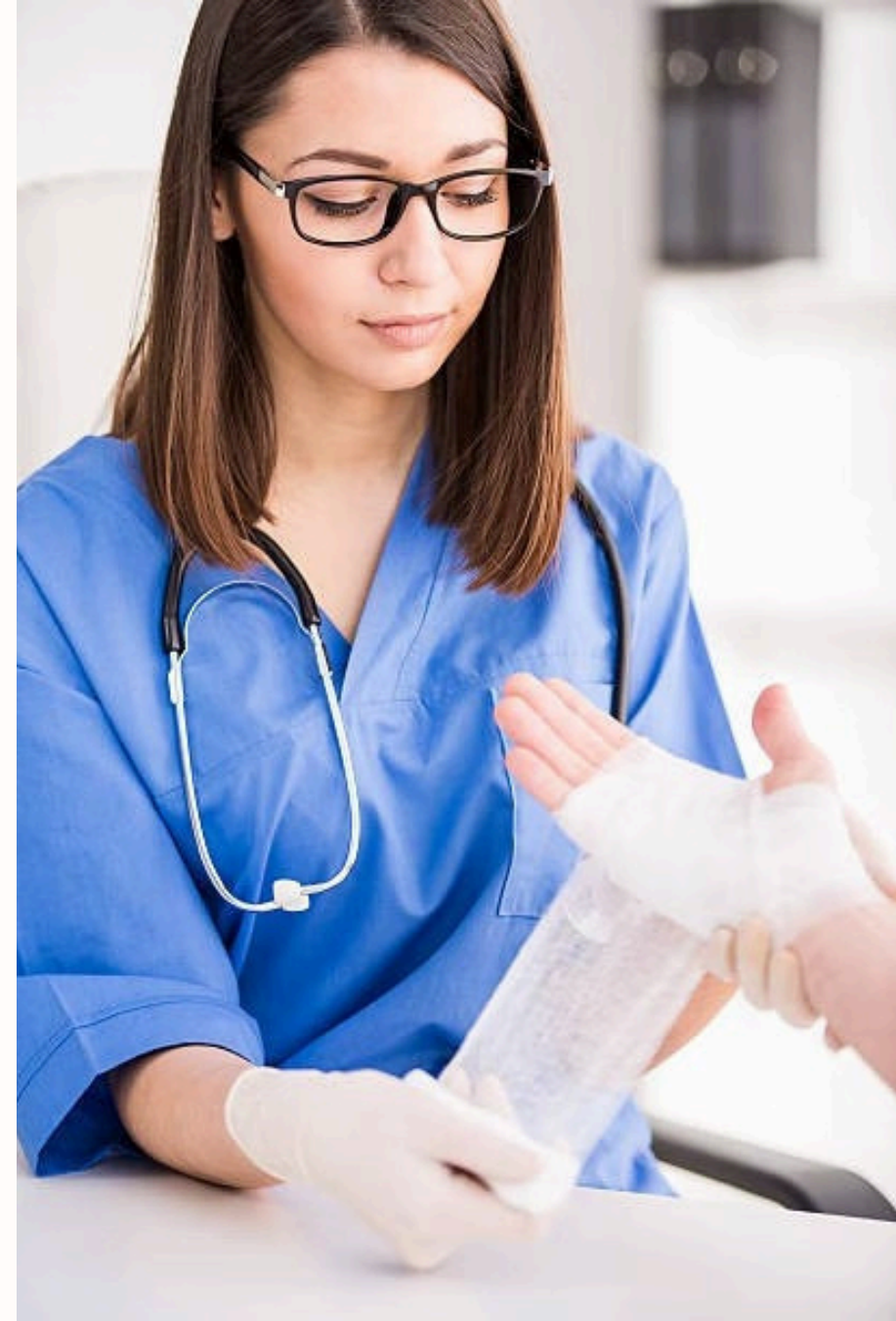
Renal or Hepatic Insufficiency

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.

