<u>La Renon</u>



Redefining Comfort for a Stronger comorrow



PALMIGES FORTE

Palmitoylethanolamide 600 mg + Vitamin D3 10 mcg + Quercetin 100 mg + Resveratrol 150 mg Tablets

Background

- In India, arthritis is the second most common rheumatologic problem, and it is the most frequent joint disease in the country with a prevalence of 22% to 39%.¹
- It is a leading cause of joint dysfunction in India and is influenced by multifactorial risk factors such as age, gender, obesity, occupational knee bending, family history, joint damage, and vitamin D deficiency.¹

Arthritis

Inflammation of synovium

Antigen and inflammatory byproduct formation

Destruction of articular cartilage

Edema and pannus formation



Decreased joint mobility

Formation of adhesions

Components	Key Role	
Palmitoylethanolamide	Reduces inflammation and relieves pain, making it effective for conditions like temporomandibular joints disorders and joint OA, which involve chronic inflammation, pain, and heightened sensitivity. ²	
Vitamin D3	Reduces inflammation, fatty infiltration, and protects cartilage in the knee, thereby improving pain and function in knee osteoarthritis. ³	
Quercetin	Inhibits bone breakdown (osteoclast formation), oxidative stress, and inflammation.4	
Resveratrol	Inhibits enzymes that cause matrix degradation in cartilage tissue and chondrocytes, and promotes the secretion of cartilage-specific components, protecting cartilage. ⁵	

References:

Clinical Evidences

Molecule	Title	No. of Patients	Conclusion	
Palmitoylethanolamide	Palmitoylethanolamide versus a nonsteroidal anti-inflammatory drug in the treatment of temporomandibular joint inflammatory pain	24	PEA effectively treats TMJ inflammatory pain, with a significantly greater pain reduction than the NSAID (P=0.0001) and better improvement in maximum mouth opening (P=0.022). ¹	
Vitamin D3	Supplementation of 1,25 dihydroxy vitamin D3 in patients with treatment naive early rheumatoid arthritis: a randomised controlled trial	121	Supplementing with vitamin D3 daily and triple DMARD therapy resulted in significantly greater pain relief at 90 days compared to the control group (P = 0.006).	
Quercetin	The Effect of Quercetin on Inflammatory Factors and Clinical Symptoms in Women with Rheumatoid Arthritis: A Double- Blind, Randomized Controlled Trial	50	Quercetin supplementation significantly improves clinical symptoms, disease activity, and biomarkers (hs-TNFa and HAQ) in women with rheumatoid arthritis. ³	
Effect of Resveratrol on Serum Levels of Type II Collagen and Aggrecan in Patients with Knee Osteoarthritis: A Pilot Clinical Study		45	Resveratrol use leads to significant pain reduction, as shown by lower VAS and KOOS pain scores (P < 0.05) after 30 days, with continued improvement over 90 days.	
Resveratrol	Resveratrol as an effective adjuvant therapy in the management of rheumatoid arthritis: a clinical study	100	RSV as an adjunctive treatment significantly reduced clinical markers (P < 0.05) and inflammatory biomarkers (P < 0.05) in rheumatoid arthritis patients. ⁵	

References:

- 1. J Orofac Pain.2012 Spring;26(2):99-104
- 2. IJRD 2011; 14: 332-339
- 3. J Am Coll Nutr 2017 Jan;36(1):9-15
- 4. BioMed Research Int, Vol 2021, Article 3668568
- 5. Clin Rheumatol 2018 Aug;37(8):2035-2042



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Description

PALMIGES FORTE contains 600 mg of PEA, 10 mcg of Vitamin D3, 100 mg of Quercetin, and 150 mg of Resveratrol available in Tablets.

Indications

For the management of Arthritis Pain

Mechanism of Action

Palmitoylethanolamide: Alleviates pain and inflammation, benefiting conditions like TMJ disorders and joint OA.

Vitamin D3: Reduces inflammation and protects knee cartilage, improving pain and function in osteoarthritis.

Quercetin: Prevents bone breakdown and oxidative stress, while supporting bone growth and vessel formation.

Resveratrol: Shields cartilage by blocking enzymes that degrade the matrix and encouraging cartilage-specific component production.

PALMIGES FORTE works synergistically to reduce joint pain and inflammation, thereby improving bone health.

Dosage

The standard recommended daily dose of Palmiges Forte is one tablet per day or as directed by the Medical Practitioner.

Presentation

Each strip contains 15 tablets.



La Renon Healthcare Private Limited

207 - 208 Iscon Elegance | Circle P | Prahlad Nagar Cross Roads | S.G. Highway Ahmedabad - 380015 | Gujarat | India. | Phone: + 91-79-6616-8998 | 2693-6656 Fax: +91-79-6616-8998 | E-mail: info@larenon.com | Web: www.larenon.com



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