

63872-Review-check.docx

Quotes Excluded Bibliography Excluded

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FAQ

Name of Journal: World Journal of Clinical Cases

Manuscript NO: 63872

Manuscript Type: ORIGINAL ARTICLE

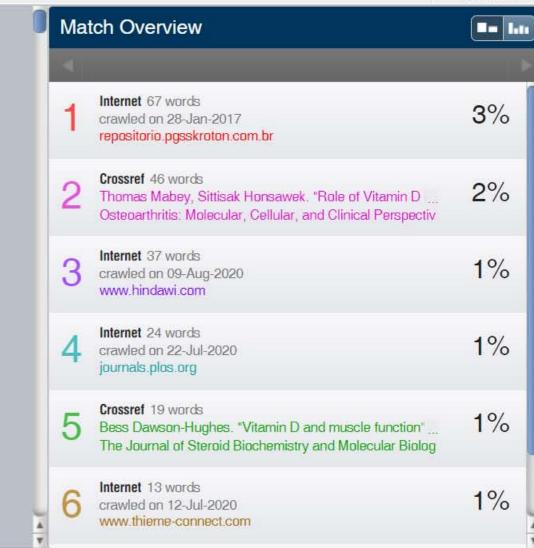
Observational Study

Vitamin D deficiency, functional status, and balance in older adults with osteoarthritis

Montemor CN et al. Vitamin D, functionality, and balance in osteoarthritis

Cláudia N Montemor, Marcos Tadeu P Fernandes, Audrey S Marquez, Regina Célia Poli-

Frederico, Rubens Alexandre da Silva, Karen B P Fernandes















VIDEOS

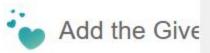
IMAGES

Vitamin D deficiency, functional status and balance in older adults v









86,600 Results

ALL

Any time ▼

VItamin D Effect on Osteoarthritis Study - Full Text View ...

https://clinicaltrials.gov/ct2/show/NCT01176344 -

Aug 06, 2010 · Firstly, vitamin D may have direct effects on chondrocytes in osteoarthritic cartilage; secondly, chronic vitamin D inadequacy in adults has adverse effects on calcium metabolism, osteoblast activity, matrix ossification and bone density, and thus could impair the ability of bone to respond optimally to pathophysiological processes in OA; and thirdly, low vitamin D levels are associated with loss of muscle strength and muscle mass in older men and women...

Vitamin D and knee osteoarthritis – Caring Medical Florida

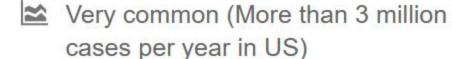
https://www.caringmedical.com/prolotherapy-news/vitamin-d-knee-osteoarthritis -

Vitamin D deficiency and osteoarthritis symptoms have some overlap. Those with osteoarthritis suffer

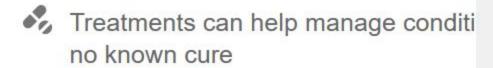
Osteoarthritis

Medical Condition

Inflammation of one or more joints.







Can last several years or be lifelong >

Microsoft Bing

Vitamin D deficiency, functional status, and balance in older adults v





Q

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IMAGES VIDEOS

21,500 Results

Any time ▼

VItamin D Effect on Osteoarthritis Study - Full Text View ...

https://clinicaltrials.gov/ct2/show/NCT01176344 •

Aug 06, 2010 · Firstly, **vitamin D** may have direct effects on chondrocytes **in osteoarthritic** cartilage; secondly, chronic **vitamin D** inadequacy in **adults** has adverse effects on calcium metabolism, osteoblast activity, matrix ossification and bone density, and thus could impair the ability of bone to respond optimally to pathophysiological processes in OA; and thirdly, low **vitamin D** levels are associated with loss of muscle strength and muscle mass in **older** ...

Actual Enrollment: 413 participants Allocation: Randomized

Intervention Model: Parallel Assignment Study Type: Interventional (Clinical Trial)

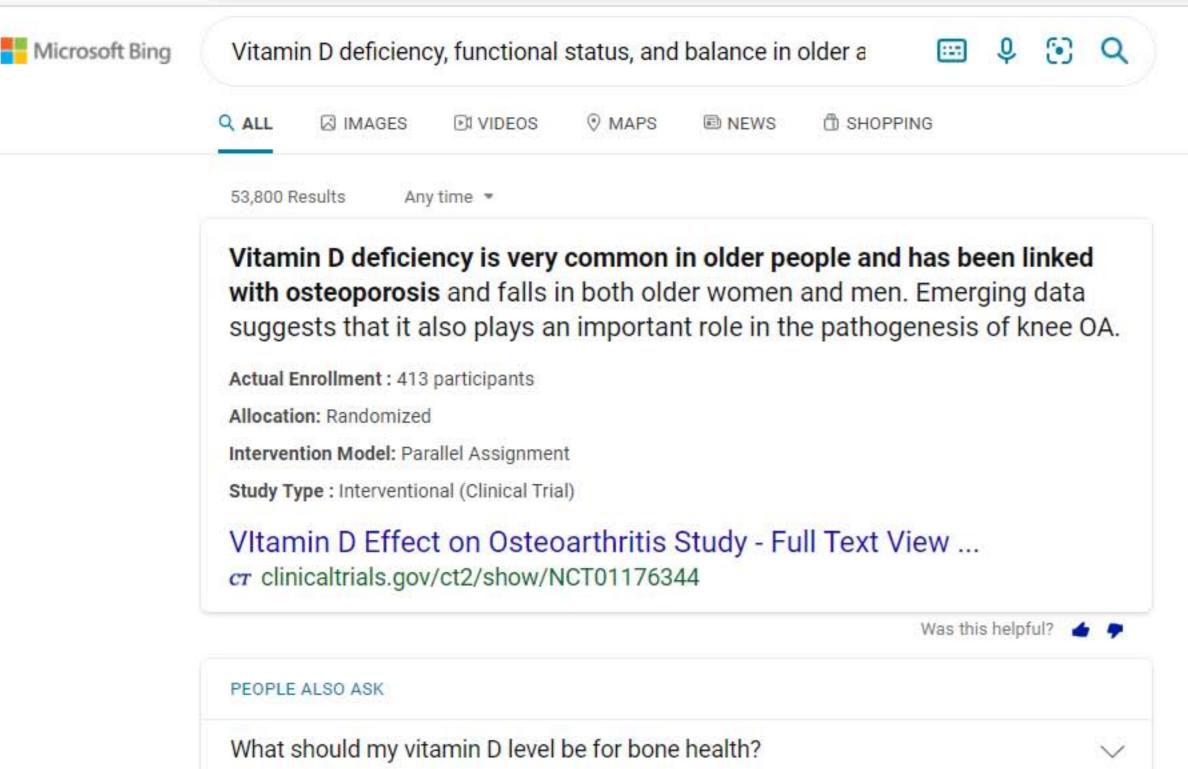
Vitamin D and knee osteoarthritis - Caring Medical Florida

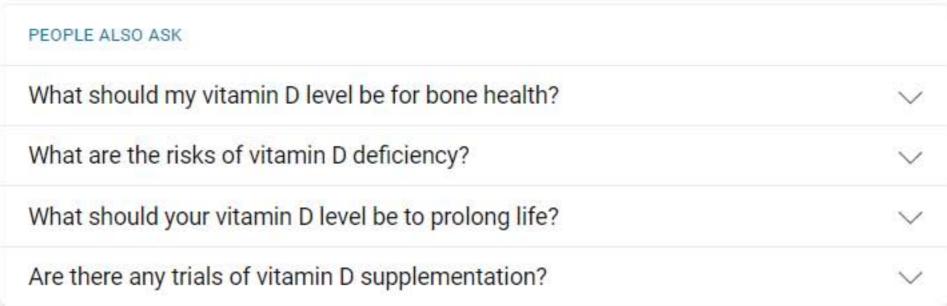
https://www.caringmedical.com/prolotherapy-news/vitamin-d-knee-osteoarthritis ▼ Vitamin D deficiency and osteoarthritis symptoms have some overlap. Those with osteoarthritis suffer from joint pain, muscle wasting, and decreased motion in their joints, all of which can increase in severity with age. Symptoms of vitamin D deficiency include greater joint pain, poor muscle function, and progression of osteoarthritis.

Vitamin D - Health Professional Fact Sheet

https://ods.od.nih.gov/factsheets/vitamind-healthprofessional -

Mar 24, 2020 · The USPSTF evaluated 11 randomized clinical trials of **vitamin D** and/or calcium supplementation in a total of 51,419 healthy, community-dwelling **adults** aged 50 years and **older** who did not have osteoporosis, **vitamin D deficiency**, or prior fractures [74,75]. It concluded that the current





Feedback

Low Vitamin D Status Does Not Adversely Affect Short-term ...

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4037853

Evidence for the potential role of vitamin D in muscle function in older persons comes from the well-documented association between low vitamin D levels and decreased muscle strength, difficulty in performing activities of daily living, and increased risk of falls [7,8]. However, studies examining the relationship between vitamin D status and muscle strength and disability in older populations yielded ...

Cited by: 27 Author: Aasis Unnanuntana, Aasis Unnanuntana, A...

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