

**Vitamin D supplementation and disease activity in patients with rheumatic diseases: a systematic review and meta-analysis**

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MEDLINE

(rheumatic diseases OR ankylosing spondylitis OR behcet syndrome OR juvenile arthritis OR rheumatoid arthritis OR sjogren's syndrome OR polymyalgia rheumatica OR systemic lupus erythematosus OR systemic scleroderma OR dermatomyositis) AND (vitamin d OR cholecalciferol OR hydroxycholecalciferols OR ergocalciferols OR 25-Hydroxyvitamin D 2) AND Random\*

1. Rheumatic diseases.mp.
2. Ankylosing spondylitis.mp.
3. Behcet syndrome.mp.
4. Juvenile arthrthritis.mp.
5. Rheumatoid arthritis.mp.
6. Sjogren's syndrome.mp.
7. Polymyalgia rheumatica.mp.
8. Systemic lupus erythematosus.mp.
9. Systemic scleroderma.mp.
10. Dermatomyositis.mp.
11. 1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10
12. Vitamin D.mp.
13. Cholecalciferol.mp.
14. Hydroxycholecalciferols.mp.

15. Ergocalciferols.mp.
16. 25-Hydroxyvitamin D 2.mp.
17. 12 or 13 or 14 or 15 or 16
18. 11 and 17
19. Random\$
20. 11 and 17 and 19

## EMBASE

((rheumatoid AND arthritis) OR (behcet AND syndrome) OR (juvenile AND arthritis) OR (sjogren AND syndrome) OR (rheumatic AND polymyalgia) OR (systemic lupus erythematosus) OR (systemic sclerosis) OR (dermatomyositis) OR (rheumatic diseases) OR (ankylosing AND spondylitis) OR (vasculitis)) AND vitamin AND d AND ([controlled clinical trial]/lim OR [randomized controlled trial]/lim) AND [embase]/lim

1. Rheumatoid.mp.
2. Arthritis.mp.
3. Vitamin.mp.
4. D.mp.
5. 1 and 2 and 3 and 4
6. Controlled clinical trial.pt.
7. Randomized controlled trial.pt.
8. 6 or 7
9. 5 and 8

## LILACS

(tw:(rheumatic diseases OR ankylosing spondylitis OR behcet OR juvenile arthritis OR rheumatoid arthritis OR sjogren OR polymyalgia rheumatica OR systemic lupus erythematosus OR systemic scleroderma OR dermatomyositis OR vasculitis)) AND (tw:(vitamin D))

#### COCHRANE

(rheumatic diseases OR ankylosing spondylitis OR behcet OR juvenile arthritis OR rheumatoid arthritis OR sjogren OR polymyalgia rheumatica OR systemic lupus erythematosus OR systemic scleroderma OR dermatomyositis OR vasculitis) AND (vitamin d OR cholecalciferol OR hydroxycholecalciferols OR ergocalciferols OR 25-Hydroxyvitamin D 2) AND Random\*

#### CINAHL

(rheumatic diseases OR ankylosing spondylitis OR behcet OR juvenile arthritis OR rheumatoid arthritis OR sjogren OR polymyalgia rheumatica OR systemic lupus erythematosus OR systemic scleroderma OR dermatomyositis OR vasculitis) AND Vitamin D