

# **Survey of Clinical Response to an Oral Hyaluronic acid, Glucosamine Sulfate, Chondroitin Sulfate Combination in 28 Patients**

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## **Introduction**

Twenty-eight people were treated with a Hyaluronic acid, Glucosamine Sulfate, and Chondroitin Sulfate (Chondrogen) combination for thirty days. Joint problems varied and included knee, hip, ankle, shoulder, and elbow arthritis along with chronic back pain and finger arthritis. The doses varied due to weight of the patient. Most received 12 mg Hyaluronic acid, 1500 mg Glucosamine sulfate, and 450 mg Chondroitin sulfate in capsule form. The patients and their problems were recorded. After two weeks on the oral treatment, a survey was taken.

## Results

Patient	Area of Pain/Arthritis	Improved 14 days	Improved 28 days
1	knee	yes	yes
2	knee	yes	yes
3	hips	yes	yes
4	knee	yes	yes
5	knee	yes	yes
6	knee	no	no
7	shoulders	yes	yes
8	ankle	yes	yes
9	knee	yes	yes
10	knee	no	no
11	elbow	yes	yes
12	back	no	yes
13	knee	yes	yes
14	knee	yes	yes
15	knee	yes	yes
16	knee	yes	yes
17	fingers	yes	yes
18	fingers	yes	yes
19	knee	yes	yes
20	shoulders	yes	yes
21	knee	yes	yes
22	hips	yes	yes
23	knee	yes	yes
24	wrist	yes	yes
25	back	no	yes
26	fingers	yes	yes
27	knee	yes	yes
28	hip	yes	yes

## Discussion

Of the twenty eight patients, twenty-six (93%) reported improvement by thirty days. Two patients with chronic back pain were not significantly improved after fourteen days but at thirty days both reported improvement. People with finger arthritis associated with Rheumatoid Arthritis reported great benefit. One person suffering from the chronic affects of Lymes Disease reported improvement in numerous joints. The most common complaint was knee pain / arthritis of which most reported improvement.