MANAGEMENT OF KNEE OSTEOARTHRITIS: IMPACT ON PAIN ON A DAILY BASIS

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OBJECTIVES: To observe, under actual conditions of use, the pain effect obtained, in the context of management of knee osteoarthritis, combining a prescription of Avian ACS between 2 courses of treatment of 3 injections of hyaluronic acid spaced out by a maximum of 12 months. METHODS: Pragmatic, longitudinal and prospective study, carried out in rheumatologists' offices, 2 years' administration of the L-VLA in a longitudinal cohort of individuals with RA. RESULTS: A total of 201 patients are treated with hyaluronic acid and Avian ACS. The average age is 65.30 years (± 11.70). Average pain during activities of daily living (ADL) was measured by means of a visual analogue scale (VAS). It is 52.02 ± 20.53 at inclusion. At 6 months, this same average pain measured under the same conditions is 33.38 ± 25.21. A third measurement at 12 months situates it at 30.44 ± 22.86. Pain during ADL is significantly reduced between inclusion and month 6 (p < 0.0001) and between inclusion and month 12 (p < 0.0001). According to the reduction obtained in 12 months is 41.4%. With regard to pain measured at rest, it was also measured at inclusion, at 6 and 12 months, by means of VAS. There is a significant reduction in pain at rest between inclusion and 6 months (p = 0.0032) and the reduction between inclusion and 12 months is also significant (p = 0.0001). At inclusion, 6 and 12 months, the average pain observed is 29.86 ± 21.16, 20.95 ± 23.13 and 17.33 ± 6.97, respectively. CONCLUSIONS: Our study, which assesses the effect on pain obtained in the context of management of subjects with knee osteoarthritis, combining a prescription of Avian ACS between 2 courses of treatment of 3 injections of hyaluronic acid, showed a reduction in pain during ADL. This reduction in pain, which is significant at 6 months, then perpetuates at 12 months, shows the relevance of the treatment protocol used by the doctors.