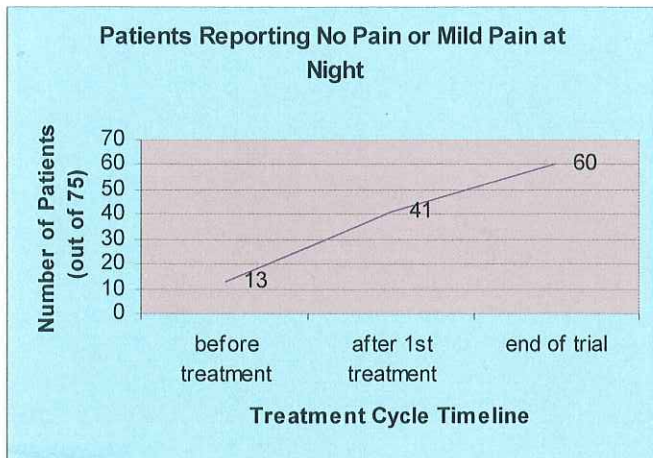


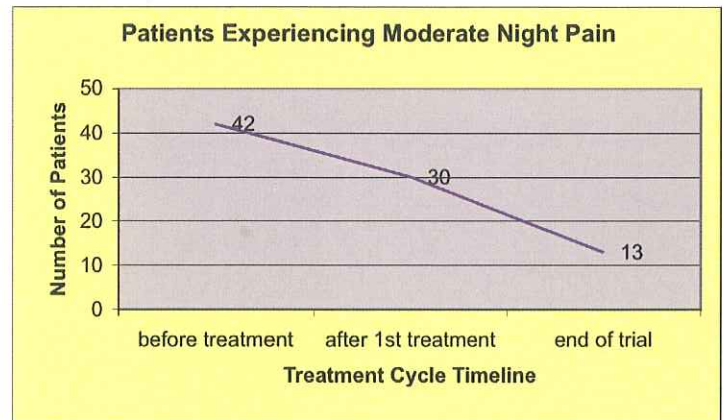
## “Intra-Articular Hyaluronic Acid in the Treatment of Osteoarthritis of the Knee: A Long Term Study,” by J. J. Scali, MD

- 75 patients were monitored through five treatment cycles. All 75 patients completed the study.
- Each patient was given 1 Hyalgan injection weekly for 5 consecutive weeks.
- A treatment cycle (5 Hyalgan injections) was repeated every 6 months for a consecutive 25-month period.
- All 75 patients involved in the study showed significant improvement in joint flexion and extension (range of motion). No adverse reactions were reported.

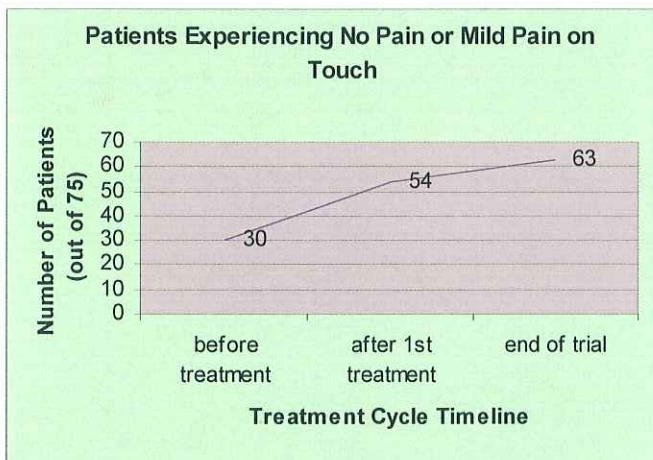
The graphs below prove the significant difference in patient improvement after five (5) treatment cycles. Repeating the treatment cycle multiple times is far superior to only one treatment program.



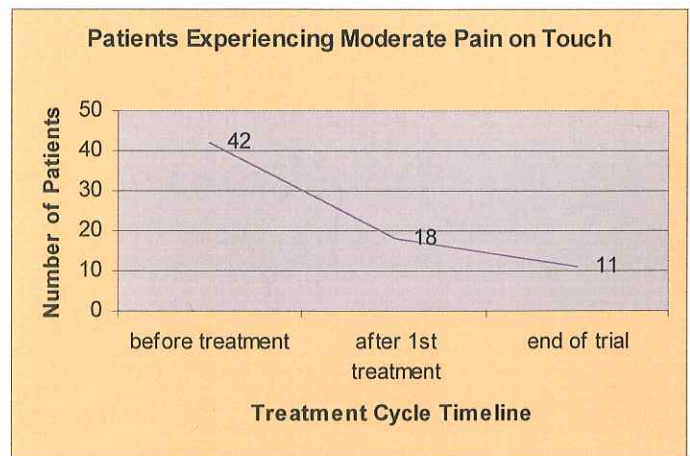
Before treatment began, *all 75 patients reported mild, moderate or severe night pain*, only 13 of which reported mild night pain (17%). After one treatment cycle, 41 (55%) reported no pain or mild night pain. Better yet, at the end of the trial, 60 (80%) reported either no pain or mild pain at night.



The above graph shows that 42 patients (56%) reported moderate night pain before treatment began. After one treatment cycle, 40% reported moderate night pain. At the end of the trial, only 17% reported moderate night pain.



Before treatment began, *all 75 patients reported mild, moderate or severe pain on touch*, 30 of which reported mild night pain (40%). After one treatment cycle, 54 (72%) reported no pain or mild pain on touch. However, at the end of the trial, 63 (84%) reported either no pain or mild pain on touch.



The above graph shows that 42 patients (56%) reported moderate pain on touch before treatment began. After one treatment cycle, 24% reported moderate pain on touch. At the end of the trial, only 14% reported moderate pain on touch.