Results: A total of 40 patients (20 in each group) completed the study. At baseline, there was no statistically significant difference in the demographic and clinical characteristics between both groups. Both the LLLT and HILT groups showed significant improvement in the VAS and SPADI scores 3 weeks after treatment; however, the improvement was significantly higher in the HILT group than the LLLT group. There was no significant improvement in goniometric scores in both groups compared with baseline. No injury or other musculoskeletal complications were recorded during or after the treatments.