

J Cont Med A Dent. May-August 2017;5(2):42-45.

A Retrospective Analysis of Patients Undergoing Total Knee Replacement Using Knee Society Score

Naushad Hussain, Prathamesh Kane, Sandeep Kumar

Dr. Naushad Hussain. Professor, Department of Orthopaedics, T.N.M.C. and B.Y.L. Nair Ch. Hospital, Mumbai.
Ph: 9930204624, Email psk1111@gmail.com

Abstract

Total knee replacement is one of the commonest done elective orthopaedic surgical procedures in patients with osteoarthritis. There is scant data available of Total Knee Replacement in Indian population. 60 patients undergoing total knee arthroplasty were identified from the records. These patients had Posterior stabilized total knee replacement with patellar resurfacing. Their Knee Society scores were documented pre operatively, post operatively and at 6 months post operatively. This data was analyzed to know the functional evaluation of Total Knee Replacement. Data measured was: their age at surgery, knee functional scores and knee clinical score. On comparison with pre operative score there was significant improvement in the patients' Average pre op knee clinical score is 28.13. In this study this improved to an average post op score of 95.38. Average pre op knee functional score was 41.83 in this study which improved to average post op score of 83.17. Post operative satisfaction is quite high with 86.7 % patients having excellent knee clinical score. 89.7 % patients had good and excellent functional scores. The study shows that Total knee replacement is an effective way of improving quality life in patients with end stage arthritis. Knee society scores by virtue of its two components give comprehensive review of clinical parameters and function.