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Outreach of Clinical Functions from The Action of Total Replacement of Knee Joint In Osteoarthritis Case In Educational Hospital University Of Sumatera Utara

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Abstract : The purpose of this study was to determine differences in clinical outcomes before and after a total knee replacement procedure was performed in Osteoarthritis. In this study we using Twenty-one patients with knee osteoarthritis who underwent total knee replacement surgery in February 2018 to April 2018 who entered the inclusion criteria were included in this study with osteoarthritis classification according to Kellgren-Lawrence to knee replacement therapy, gender age and follow-up minimum 4 months after surgery after the following up from research we get the result that the distribution of the demographic characteristics of Osteoarthritis subjects who underwent knee joint replacement measures carried out by Oxford Knee Score before and after surgery with 21 subjects as many as 18 subjects (85.7%) and 3 as men. 14.3%), with the mean value of the Oxford Knee Score before the operation 12.24 ± 3.34 and the mean value of the Oxford Knee Score after the operation 32.57 ± 3.45 , Total knee replacement surgery in osteoarthritis patients is very satisfying, this is evidenced by the good clinical outcome of the Oxford Knee Score.

Key words : Osteoarthritis, Oxford Knee Score, Total Knee Replacement

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