



Short term Functional outcome of Harris HIP Score from Open Reduction Internal Fixation action (ORIF Intertrochanter)

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Abstract : Background- Intertrochanter fracture is commonly found in geriatric and young active patient and it can affects the overall health system. The death rate of intertrochanter fracture has increased by 1 person in 1 year with mortality rate of around 14-36%.**Objective-** To find out the functional evaluation by Harris hip score from the action of open reduction internal fixation (ORIF) on the intertrochanter femur fractures. **Material and Methods-**A total of 42subjects were used in the study. The study wasanobservationalanalytic study with no retrospective pairing and with a crosssectional approach, whichaimedtoanalyzetheclinical outcomeoftheHarris HipScore after performed ORIF intertrochanter femurfracture. In thiscase, the control group are healthy femur from the same patient. Unpaired T-Test is use if normal distributed data aquired, otherwise Mann-Whitney is the option. The affordable populationofthe study waspatientswho were operated using internal fixation due to intertrochanter femur fracture measures in January 2012 - June 2018.**Results-**In this case the distribution of the number of intertrochanter femur fracture samples was 42 subjects with 14 women (33.3%) and 28 men (66.7%). The youngest age of the study subjects was 17 years and the oldest age of the research subjects was 82 years with a mean and standard deviation of 60.77 ± 18.23 years, there were significant differences in outcomes of the clinical score of the hip score of the action Open reduction internal fixation (ORIF) in the case of intertrochanter fracture femur, with a significance value of 0.0001 (<0.05).**Conclusion-**From the results of the statistical analysis of the outcome of the clinical hip score score of ORIF compared to the healthy side in the case of intertrochanter femur fractures, there is a significant result (15.1%) between ORIF actions compared to the healthy side in the case of intertrochanter fracture femur, with p value $<0,0001$.

Keywords : Salter Harris, ORIF, Harris Hip Score, Intertrochanter Femur Fracture, Geriatric, Hip Injury.

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