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Scientific Abstract

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Characteristics of Mobility Impairment on Tajuddin Chalid National Hospital, Celebes, Indonesia, 2018

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Objectives: To describe details of characteristic mobility impairment that make a ADL problem.

Materials and Methods: Descriptive study. All patients had mobility impairment. Data was taken from Rehabilitation Outpatient Clinic Tadjuddin Chalid National Hospital, from January 2018 – June 2018. Analyzed into several groups ages of adults and Medical Diagnosis.

Results: From 585 subjects with mobility impairment problem, 179 subjects (30.6%) men, and 406 (69.4%) women. 208 subjects (35.6%) 61-70 years old, 199 subjects (34 %) 51-60 years old, and 115 subjects (19.7%) 41-50 years old, 34 subjects (5.8%) > 70 years old, 20 subjects (3.4%) 31-40 years old, and 9 subjects (1.5%) 20-30 years old. According to the Medical Diagnosis, 255 subjects (43.6%) had Low Back Pain and 84 subjects (14.4%) had Knee Osteoarthritis. 131 subjects (22.4%) had Hemiparetic, 74 subjects (13.7%) with Shoulder problem. 41 subjects (7%) leg pain. We found significant difference between Medical Diagnosis and Sex ($p=0,01$) with women has Odds ratio (OR) > 0,3 risk.

Conclusion: We found more mobility impairment on elder patients. Women have high risk than men. Preventive Rehabilitation Strategies can be tailor-made. We need advanced screening for mobility dysfunction.