

Modification of Modern Dressing and Elevation the Lower Extremity to Ankle Brachial Index (ABI) and Wound Healing Score of Patient with Diabetic Foot Ulcers in Kitamura Clinic Pontianak

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ABSTRACT

Background : The incidence of patient with Diabetes Mellitus always increase drastic and the one of complication is Diabetic Foot Ulcers and need long time to wound healing process. The adjunctive treatment can be given to increase the vascularization is elevation lower extremity. Therefore, the aim is to analyze the effect of modifications of modern dressing and elevation lower extremity to Ankle Brachial Index and wound healing score in Diabetic Foot Ulcers.

Method : In this research used quasi-experimental approach with pre post test control group design and the total sample are 60 respondents were divided into two groups. Control group used wound care standart modern dressing, intervention group used wound care satndart modern dressing and elevation lower extremity for 15 minutes. Sampling tecnic used simple radom sampling with bivarate analisys used t test. Bates Jensen Wound Assessment Tools used to appraisal it.

Result : The ABI score at the control group had a significance value ($p = 0.168$). In the intervention group had a significance value ($p = 0.003$). while the difference ABI in the both of group had a significance value ($p = 0.001$). Wound healing score in control group had a significance value ($p = 0.002$). In the intervention group had a significance value ($p = 0.001$). While the difference wound healing score in a both of group had a significance value ($p = 0.001$).

Conclusion : Modern dressings and elevation lower extremity is more effective to Ankle Brachial Index score and wound healing score in patients among Diabetic Foot Ulcer. Do research about the comfortable of tool elevation lower extremity 30° with qualitative method.

Keywords : ***Modern Dressing , Elevation lower extremity, Ankle Brachial Index, Wound Healing Score.***