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The effectiveness of customised orthopaedic shoe for the ulceration in patient with diabetes

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Background: Customised Orthopaedic shoe is intended to be used in cases of both typical and atypical/complex foot with ulcer. It is designed to offer space and weight free area of the foot and ankle while offering greater comfort for the beneficiaries.

Objectives: The clinician finds out regarding how the effectiveness is of the customised Orthopaedic shoe for a complex ulcer client. Clinician set the objectives which the followings are to know the existing situation of the ulcer client, the expectation of the client with weight free ulceration area and to know the effect of the shoe with modification, space and comfort in ulcer area for the prevent amputation to provide customised design and manufacture for the suitable and comfortable shoe of a client.

Methods: The clinician used the method directly make

the shoe for the client, The process has been started from assessment, casting, modification, rectification, manufacturing, fitting and finally process has been finished through the evaluation and follows up.

Results: Clinician showed the results are nice free space in ulcer area, stop bleeding achieved by weight less walking, provide comfort achieved by making supplement with padding in pressure point area and also the soft material on the first layer of supplement makes it more comfortable.

Recommendation and conclusion: The clinician recommended some points for using the customised orthotic shoe required more time to prevent further deformity of the ankle (ankle abnormal movement/valgus) on both foot.

Biography

Muhammad Shafiq is working in Centre for the Rehabilitation of the paralysed, Bangladesh. He has research interest in case study and research in diabetes.

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