

# Dermatosis contributing factors in bilateral lower limb war-amputees

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## Abstract:

This study conducted to assess the factors related to skin lesions in bilateral lower limb war-amputees. This is a clinical based, cross-sectional study of 335 bilateral amputees who injured during Iran-Iraq War. Their demographics and injuries detail, amputation, prosthesis and gait-aid characteristics, stump hygiene and skin problems, have been investigated. Through logistic regression analysis, the three factors of the shape of the stumps, the length of the stumps and excessive perspiration were recognized to have an independent association in skin lesions development, among the population studied. The results suggest that most of stump skin disorders in war-injured amputees are due to intensity of injury and awkwardness of the stump. The quality of surgical, medical and rehabilitative care, improve their quality of life by functional ambulation with prosthesis. © 2010 Asian Network for Scientific Information.

## Keywords:

Amputee; Lower extremity; Related factor; Skin lesion; War

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