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## Change in quality of life among adults with lower limb amputation after rehabilitation in Cambodia

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To examine predictors of Quality of Life (QoL) improvement in people with lower limb amputations after receiving rehabilitation in Cambodia. People with Lower Limb Amputations (LLAs) from seven Physical Rehabilitation Centers (PRC) in Cambodia were interviewed using the comprehensive quality of life scale adult questionnaire (composed of objective and subjective score) at the first day of registration and three months after discharge. A paired t-test examined the difference between the QoL scores and linear regression was used to identify factors potentially associated with changes in QoL. Absence of residual stump pain having less time (6 months) since amputation before receiving proper rehabilitation services and receiving the support of relatives or friends before receiving rehabilitation services, were significantly associated with an increased score of quality of life. Rehabilitation was shown to improve QoL for people with lower limb amputations. Rehabilitation should be provided as soon after amputation as possible to increase its effectiveness on improving QoL. Both phantom limb pain and residual stump pain may require additional intervention and those with LLA who have no support from relatives or friends may require additional help to improve QoL. A longer-term follow up study should be conducted.

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