

Challenges in the Treatment of Chronic wounds: Advanced wound dressing and antimicrobial dressing in Lerdsin Hospital, Thailand.

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Abstract

Chronic wound include, but are not limited, to pressure ulcers (PUs) and diabetic foot ulcers (DFUs). Infection is similarly and important risk factor for wound healing failure. They are a challenge to wound care professional and consume a great deal of health care resources around the globe. The purposed of this study was to evaluate outcome of chronic wound: PUs and DFUs in Lerdsin Hospital, and implemented by Deming cycle of Plan, Do, Check and Action

The purposive sampling was used 85 pressure ulcer patients and 27 diabetic foot ulcer patients who was treated during October 2015 to September 2016. Chronic wound care protocol developed by multidisciplinary care team in the arranged focus group. The protocol included:

- 1) Staff education and demonstration PUs and DFUs assessment and intervention with advanced wound dressing & antimicrobial dressing
- 2) Advanced wound dressing flow chart for PUs and DFUs
- 3) Advanced wound dressing book guide
- 4) Product labeling and utilization
- 5) Pattern of consulting ET Nurse

Then this protocol was implement and evaluated. Data collection in clouded age, gender, wound healing, scale of knowledge, patient satisfaction, and cost of advance wound dressing. Data analysis was performed using descriptive statistics. The result was that significant increase wound healing. Patient satisfaction was high ($\bar{X} = 4.6$, S.D = .31) There were 82% of knowledge that nurses were able to do following the protocol. Advanced wound dressing flow chart was effective plan of care it good outcomes for wound healing individuals patient. And cost of advance wound dressing decrease than conventional wound dressing. Issues related to differential assessment, product labeling and utilization for wound healing and staff education are the primary focus of this article.

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