

Guilan University of Medical Sciences(GUMS) had research in diabetes and DFU. Applicability of guideline in clinical was assess with checklist by nursing group. Nursing group (n=28) consists of head nurses and all nurses of endocrine and surgery units, and educational nursing supervisor of RAZI hospital affiliated to GUMS.

Results: Among 114studies, evidence of 19 studies was selected and categorized based on 8NDs. According to mean scores of CVI/CVR of evidence, some evidence was revised by research team. In AGREEII domains, guideline had the highest score in “Scope and Purpose” (92.7%) and the lowest in “Applicability” (76.2%). About applicability of guideline, 92.9% of nurses reported the positive effect of implementation of guideline recommendations on caring DFU and lack of needed equipment for its implementation.

Conclusion: According to results, developed guideline in all domains had acceptable score. Recommendations of guideline had effective role in prevention, reduction of complication and length of stay in hospital among DFU patients. Development, implementation and evaluation of these guidelines are recommended for diabetes complications.

41

CRITICAL APPRAISAL OF EVIDENCE-BASED NURSING CARE GUIDELINE BY USING THE AGREE II INSTRUMENT

Atefeh Ghanbari,¹ Pardis Rahmatpour,² Fatemeh Jafaraghayee,³ Malahat Khalili⁴. ¹Associate Professor, PhD of Nursing, Social Determinants of Health Research Center, Guilan University of Medical Sciences, Rasht, Iran; ²Msc of Nursing Education, Social Determinants of Health Research Center, Guilan University of Medical Sciences, Rasht, Iran; ³Assistant Professor, PhD of Nursing, Social Determinants of Health Research Center, Guilan University of Medical Sciences, Rasht, Iran; ⁴PhD student of Epidemiology, Kerman University of Medical Sciences, Kerman, Iran

10.1136/bmjopen-2016-015415.41

Background and aims: Clinical practice guidelines (CPGs) are useful tools based on the best available evidence for bridging the gap between available scientific evidence and clinical practice. Implementation according CPGs in practice have positive effects on health professionals’ practice and patient outcomes. However, with the increase in published CPGs, concerns about their quality have risen. The aim of this study is to Critical Appraisal of Evidence-based Nursing Care Guideline by Using the AGREE II instrument.

Methods: Evidence-based Nursing Care Guideline in patients with diabetic foot ulcer was developed based on Stetler Model from March to December 2015by our research team. Critical appraisal of guideline was evaluated in 6 domains of AGREEII tool by expert panel. Expert panel(n=10) consist of specialist in endocrinology and diabetes field and nursing faculty member of