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Knowledge, attitude and practice regarding foot care among diabetic patients who visit health centers in Khartoum State, Sudan, 2018

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Foot care received little attention from medical doctors who are concentrating on therapeutic and diagnostic measures more than education of patients and preventive aspects. The aim of this study was to assess knowledge, attitude and practice regarding foot care among diabetic patients. In this multi-central cross-sectional study, 270 diabetic patients interviewed using a questionnaire containing qualitative and quantitative aspects after taking verbal consent. Data has been analyzed using SPSS statistic version 20. Overall, 176(65.2%) women and 94(34.8%) men were included. The average of age was 57 years (SD=11.6). A total of 219(81.1%) have educational level below the level of university those who have knowledge about foot care constitute 151(55.9%) with different response to knowledge measures. The source of information was medical staff in 95(63%) of patients. Regarding attitude, 257 patients (95.2%) aware about foot care, and they considered as a preventable method from foot complication. On the other hand, 158 patients (58.5%) have poor practice. There are highly significant association between educational level and knowledge (<0.001), educational level and practice (0.012) and between knowledge and practice (0.001). These results supported the view that education and trained health care providers have a role in increasing the awareness of diabetic patients about foot care.

Biography

Alafraa Ahmed, 23 years old, fifth year medical student from university of Khartoum, faculty of medicine, Sudan. working as organizer committee in many event in university, working in medical campaign, member of local team of standing committee of medical education (SCOME) and public health (SCOPH) which related to MEDSINSUDAN under umbrella of international federation of medical students association (IFMSA).