## Conclusion

Findings suggest that DFU was increasing health problems among diabetes patients. Although female gender and with age more than 55 years DFU occurrence increase; results indicate that amputation, visual problems present after diabetes, renal disease, moisturizing of foot, glycemic control, willing to wear special footwear, willing to wear indoor and knowledge of loss of sensation were significantly associated with DFU. There may be more factors other than the findings of this study can influence the DFU. The findings of this study may widen the awareness of healthcare professionals as well as diabetes patient over the DFU care and prevention of foot ulcer; and guide them to find out solution to prevent DFU leading to amputations and other complications.

## ACKNOWLEDGMENT

The author would like to express sincere thanks to our senior supervisor, colleagues and friends for successfully finishing this research work.

## REFERENCES

- 1. American Diabetes Association. Diagnosis and Classification of Diabetes Mellitus. Diabetes care. 2004;27(1):5-10.
- 2. Alexiadou K, Doupis J. Management of Diabetic Foot Ulcers. Diabetes Ther. 2012;3(4)1-15. doi 10.1007/s13300-012-0004-9
- 3. Yazdanpanah L, Nasiri M, Adarvishi S. Literature review on the management of diabetic foot ulcer. WJD. 2015; 6(1):37–53.
- 4. Crawford F, Inkster M, Kleijnen J, Fahey T. Review Predicting foot ulcers in patients with diabetes: a systematic review and meta-analysis.Q J Med. 2007;100:65–86. doi:10.1093/qjmed/hcl140
- 5. Ulbrecht JS, Cavanagh PR, Caputo GM. Foot Problems in Diabetes: An Overview.CID 2004;39(2):73-82.
- 6. Sriyani KA, Wasalathanthri S, Hettiarachchi P. Predictors of Diabetic Foot and Leg Ulcers in a Developing Country with a Rapid Increase in the Prevalence of Diabetes Mellitus. PLoS ONE 2013;8(11):1–6.
- 7. Deribe B, Woldemichael K, Nemera G. Prevalence and Factors Influencing Diabetic Foot Ulcer among Diabetic. J Diabetes Metab. 2014;5(1):1-6.
- 8. Garcia A. Effectiveness of the development and implementation of a nurse-led diabetic foot screening clinic. Available at: http://digscholarship.unco.edu/capstones. Access on 2016 Nov 23.
- 9. Rajakanth M, Hussain Z, Karthik AS.Clinical study of diabetic foot patients. IJIAR. 2016;4:31-7.
- 10. Parisi MCR, Neto AM, Menezes FH, Gomes MB, Teixeira RM, Egídio J, et al. Baseline characteristics and risk factors for ulcer, amputation and severe neuropathy in diabetic foot at risk: the Brazupa study. Diabetol Metab Syndr. 2016;8(25):1-8.
- 11. Chiwanga FS, Njelekela MA. Diabetic foot: prevalence, knowledge, and foot self-care practices among diabetic patients in Dar es Salaam, Tanzania a cross-sectional study. J Foot Ankle Res. 2015;8(20):1-7.
- 12. Jain AKC. Type 1 diabetic foot complications Abstract . J Diab Foot Comp. 2016;8(1):17-22.
- 13. Price P. The Diabetic Foot: Quality of Life. Quality of Life. CID. 2004;39(2)129-31.
- 14. Mubashir, Khalid M. Comparative evaluation of antibiotic treatment and conservative surgical treatment for diabetic foot. J Adv Med Dent Scie Res. 2016;4(5):100-103.
- 15. Senanayake W, Samarasekara LAK, Fernando R, Weerawardenao WAK. Bacteria characteristics and their antibiotic sensitivity pattern in Sri Lankan diabetic foot ulcers. AMJ. 2011;1:7–12.
- 16. Danmusa UM, Terhile I, Nasir IA, Ahmad AA, Muhammad HY. Prevalence and healthcare costs associated with the management of diabetic foot ulcer in patients attending Ahmadu Bello University Teaching Hospital, Nigeria 1. Int J Health Sciences. 2016;10(2):221-28.
- 17. Khan AR, Lateef ZNA, Fatima S, Abdullah S, Al A. Prevalence of Chronic Complication among Type 2 Diabetics Attending Primary Health Care Centers of Al Ahsa District of Saudi Arabia: A Cross Sectional Survey. GJHS. 2014;6(4):245–53.
- 18. Yusuf S, Okuwa M, Irwan M, Rassa S, Laitung B, Thalib A, et al. Prevalence and Risk Factor of Diabetic Foot Ulcers in a Regional Hospital, Eastern Indonesia. OJN. 2016;6:1–10.
- 19. Kibachio JM, Omolo J, Muriuki Z, Juma R, Karugu L, Ng Z. Risk factors for diabetic foot ulcers in type 2 diabetes: a case control study, Nyeri, Kenya. African Journal of Diabetes Medi. 2013;21(1):20-3.