

Registered Nurses' Association of Ontario
Diabetic foot ulcers: Prevention, assessment and management
Third Edition
October 2024

Reference list with open access links where available

*Links active as of October 11, 2024.

Recommendation 1.0:

Citation	Open Access URL (where applicable)
1. Fu XJ, Hu SD, Peng YF, et al. Observation of the effect of one-to-one education on high-risk cases of diabetic foot. <i>World J Clin Cases</i> . 2021 May 16;9(14):3265-72.	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8107901/
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3. Vakilian P, Mahmoudi M, Oskouie F, et al. Investigating the effect of educational intervention based on the Pender's health promotion model on lifestyle and self-efficacy of the patients with diabetic foot ulcer: A clinical trial. <i>J Educ Health Promot [Internet]</i> . 2021 Dec 31;10:466.	https://journals.lww.com/jehp/fulltext/2021/10000/investigating_the_effect_of_educational.369.aspx
4. Ahmad Sharoni SK, Abdul Rahman H, Minhat HS, et al. The effects of self-efficacy enhancing program on foot self-care behaviour of older adults with diabetes: a randomised controlled trial in elderly care facility, Peninsular Malaysia. <i>PloS One</i> . 2018 Mar 13;13(3):e0192417.	https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0192417
5. Kes D, Sahin F, Ertinmaz Ozkan A, et al. Effectiveness of a Transtheoretical Model-Based Foot Care Program in Improving Foot Care Behaviors and Self-Efficacy in Adults With Type 2 Diabetes: An Assessor-Blinded Randomized Controlled Trial. <i>Res Theory Nurs Pract</i> . 2022 Feb 1;36(1):3–19.	N/A
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prevention of foot lesions in people with diabetes: report of a clinical audit. <i>Nutr Metab Cardiovasc Dis.</i> 2022 Sep;32(9):2264-72.	
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8. Toygar İ, Hançerlioğlu S, Utku T, et al. Effect of an educational intervention based on bandura's theory on foot care self-efficacy in diabetes: a prospective quasi-experimental study. <i>Int J Low Extrem Wounds.</i> 2022 Dec;21(4):414-9.	N/A
9. Jongebloed-Westra M, Exterkate SH, Van Netten JJ, et al. The effectiveness of motivational interviewing on adherence to wearing orthopedic shoes in people with diabetes at low-to-high risk of foot ulceration: A multicenter cluster-randomized controlled trial. <i>Diabetes Research and Clinical Practice.</i> 2023 Oct;204:110903.	https://www.sciencedirect.com/science/article/pii/S0168822723006666
10. Nguyen TP, Edwards H, Do TN, Finlayson K. Effectiveness of a theory-based foot care education program (3STEPFUN) in improving foot self-care behaviours and foot risk factors for ulceration in people with type 2 diabetes. <i>Diabetes Res Clin Pract.</i> 2019 Jun;152:29-38.	https://eprints.qut.edu.au/129166/1/Effectiveness%20of%20a%20theory-based%20foot.pdf

Recommendation 2.0:

Citation	Open Access URL (where applicable)
1. van Netten JJ, Raspovic A, Lavery LA, et al. Prevention of foot ulcers in persons with diabetes at risk of ulceration: a systematic review and meta-analysis. <i>Diabetes Metab Res Rev.</i> 2024 Mar;40(3):e3652.	https://onlinelibrary.wiley.com/doi/pdf/10.1002/dmrr.3652
2. Akça Doğan D, Enç N. The effect of using a reminder diabetic foot mirror on foot checking frequency and development of diabetic foot in people with diabetes. <i>Int J Diabetes Dev Ctries.</i> 2022;42(2):321-30.	N/A

Recommendation 3.0:

Citation	Open Access URL (where applicable)
1. van Netten JJ, Raspovic A, Lavery LA, et al. Prevention of foot ulcers in persons with diabetes at risk of ulceration: a systematic review and meta-analysis. <i>Diabetes Metab Res Rev.</i> 2024 Mar;40(3):e3652.	https://onlinelibrary.wiley.com/doi/pdf/10.1002/dmrr.3652
2. Albright RH, Manohar NB, Murillo JF, et al. Effectiveness of multidisciplinary care teams in reducing major amputation rate in adults with diabetes: a systematic review & meta-analysis. <i>Diabetes Res Clin Pract.</i> 2020 Mar;161:107996	https://www.diabetesresearchclinicalpractice.com/article/S0168-8227(19)31196-9/fulltext
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4. Somayaji R, Elliott JA, Persaud R, et al. The impact of team based interprofessional comprehensive assessments on the diagnosis and management of diabetic foot ulcers: a retrospective cohort study. <i>PLoS One.</i> 2017 Sep 26;12(9):e0185251.	https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0185251
5. Hicks CW, Canner JK, Mathioudakis N, et al. Incidence and risk factors associated with ulcer recurrence among patients with diabetic foot ulcers treated in a multidisciplinary setting. <i>J Surg Res.</i> 2020 Feb;246:243-50.	N/A
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Recommendation 4.0:

Citation	Open Access URL (where applicable)
1. Dincer B, Bahçecik N. The effect of a mobile application on the foot care of individuals with type 2 diabetes: a randomised controlled study. <i>Health Educ J.</i> 2021;80(4):425-37.	N/A
2. Pamungkas RA, Usman AM, Chamroonsawasdi K, Abdurrasyid. A smartphone application of diabetes coaching intervention to prevent the onset of complications and to improve diabetes self-management: a randomized control trial. <i>Diabetes Metab Syndr.</i> 2022 Jul;16(7):102537.	https://digilib.esaunggul.ac.id/public/UEU-Journal-26913-11_3502.pdf
3. Lazo-Porras M, Bernabe-Ortiz A, Taype-Rondan A, et al. Foot thermometry with mHealth-based supplementation to prevent diabetic foot ulcers: a randomized controlled trial. <i>Wellcome Open Res [Internet].</i> 2020;5:23.	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7463300/
4. Qin Q, Oe M, Nakagami G, et al. The effectiveness of a thermography-driven preventive foot care protocol on the recurrence of diabetic foot ulcers in low-medical resource settings: An open-labeled randomized controlled trial. <i>International Journal of Nursing Studies.</i> 2023 Oct;146:104571.	N/A
5. Isaac AL, Swartz TD, Miller ML, et al. Lower resource utilization for patients with healed diabetic foot ulcers during participation in a prevention program with foot temperature monitoring. <i>BMJ Open Diabetes Res Care.</i> 2020 Oct;8(1):e001440.	https://drc.bmj.com/content/bmjdr/8/1/e001440.full.pdf