

PC903: Diabetes of the Foot

[View Online](#)

1.

Abbott, C.A., Carrington, A.L., Ashe, H., Bath, S., Every, L.C., Griffiths, J., Hann, A.W., Hussein, A., Jackson, N., Johnson, K.E., Ryder, C.H., Torkington, R., Van Ross, E.R.E., Whalley, A.M., Widdows, P., Williamson, S., Boulton, A.J.M.: The North-West Diabetes Foot Care Study: incidence of, and risk factors for, new diabetic foot ulceration in a community-based patient cohort. *Diabetic Medicine*. 19, 377–384 (2002). <https://doi.org/10.1046/j.1464-5491.2002.00698.x>.
2.

Therapeutic footwear for people with diabetes.
3.

Maciejewski, M.L., Reiber, G.E., Smith, D.G., Wallace, C., Hayes, S., Boyko, E.J.: Effectiveness of Diabetic Therapeutic Footwear in Preventing Reulceration. *Diabetes Care*. 27, 1774–1782 (2004). <https://doi.org/10.2337/diacare.27.7.1774>.
4.

Lessons from Eurodiale. *Diabetes/Metabolism Research and Reviews*.
5.

Stratification of foot ulcer risk in patients with diabetes: a population-based study. *International Journal of Clinical Practice*.
- 6.

Alder, A., Boyko, E., Ahroni, J.: Lower-extremity amputation in diabetes: The independent effects of peripheral vascular disease, sensory neuropathy and foot ulcers. *Diabetes care*. 22:, 1029–1035 (1999).

7.

Armstrong, D.G., Lavery, L.A., Wrobel, J.S., Vileikyte, L.: Quality of Life in Healing Diabetic Wounds: Does the End Justify the Means? *The Journal of Foot and Ankle Surgery*. 47, 278–282 (2008). <https://doi.org/10.1053/j.jfas.2008.02.015>.

8.

Apelqvist, J., Bakker, K., van Houtum, W.H., Schaper, N.C.: Practical guidelines on the management and prevention of the diabetic foot. *Diabetes/Metabolism Research and Reviews*. 24, S181–S187 (2008). <https://doi.org/10.1002/dmrr.848>.

9.

Berendt, A.R., Peters, E.J.G., Bakker, K., Embil, J.M., Eneroth, M., Hinchliffe, R.J., Jeffcoate, W.J., Lipsky, B.A., Senneville, E., Teh, J., Valk, G.D.: Specific guidelines for treatment of diabetic foot osteomyelitis. *Diabetes/Metabolism Research and Reviews*. 24, S190–S191 (2008). <https://doi.org/10.1002/dmrr.853>.

10.

Boulton, A.J.M., Armstrong, D.G., Albert, S.F., Frykberg, R.G., Hellman, R., Kirkman, M.S., Lavery, L.A., LeMaster, J.W., Mills, J.L., Mueller, M.J., Sheehan, P., Wukich, D.K.: Comprehensive Foot Examination and Risk Assessment: A report of the Task Force of the Foot Care Interest Group of the American Diabetes Association, with endorsement by the American Association of Clinical Endocrinologists. *Diabetes Care*. 31, 1679–1685 (2008). <https://doi.org/10.2337/dc08-9021>.

11.

Boyko, E.J., Ahroni, J.H., Cohen, V., Nelson, K.M., Heagerty, P.J.: Prediction of Diabetic Foot Ulcer Occurrence Using Commonly Available Clinical Information: The Seattle Diabetic Foot Study. *Diabetes Care*. 29, 1202–1207 (2006). <https://doi.org/10.2337/dc05-2031>.

12.

Gabbay, R., Kaul, A., S.: Motivational interviewing by podiatric physicians: a method for improving patient self-care of the diabetic foot. *Journal of the American Podiatric Medical Association*. 101, 78-84 (2011).

13.

Game, F.L., Jeffcoate, W.J.: Primarily non-surgical management of osteomyelitis of the foot in diabetes. *Diabetologia*. 51, 962-967 (2008). <https://doi.org/10.1007/s00125-008-0976-1>.

14.

Bus, S.A., Valk, G.D., van Deursen, R.W., Armstrong, D.G., Caravaggi, C., Hlaváček, P., Bakker, K., Cavanagh, P.R.: Specific guidelines on footwear and offloading. *Diabetes/Metabolism Research and Reviews*. 24, S192-S193 (2008). <https://doi.org/10.1002/dmrr.855>.

15.

Tendon lengthening and fascia release for healing and preventing diabetic foot ulcers: a systematic review and meta-analysis. - PubMed - NCBI, <http://www.ncbi.nlm.nih.gov/pubmed/26300980>.

16.

Game, F.L., Hinchliffe, R.J., Apelqvist, J., Armstrong, D.G., Bakker, K., Hartemann, A., Löndahl, M., Price, P.E., Jeffcoate, W.J.: Specific guidelines on wound and wound-bed management 2011. *Diabetes/Metabolism Research and Reviews*. 28, 232-233 (2012). <https://doi.org/10.1002/dmrr.2250>.

17.

Hingorani, A., LaMuraglia, G.M., Henke, P., Meissner, M.H., Loretz, L., Zinszer, K.M., Driver, V.R., Frykberg, R., Carman, T.L., Marston, W., Mills, J.L., Murad, M.H.: The management of diabetic foot: A clinical practice guideline by the Society for Vascular Surgery in collaboration with the American Podiatric Medical Association and the Society for Vascular Medicine. *Journal of Vascular Surgery*. 63, 3S-21S (2016). <https://doi.org/10.1016/j.jvs.2015.10.003>.

18.

Association between glycated haemoglobin and the risk of lower extremity amputation in patients with diabetes mellitus-review and meta-analysis. - PubMed - NCBI, <http://www.ncbi.nlm.nih.gov/pubmed/20127309>.

19.

Ince, P., Kendrick, D., Game, F., Jeffcoate, W.: The association between baseline characteristics and the outcome of foot lesions in a UK population with diabetes. *Diabetic Medicine*. 24, 977–981 (2007). <https://doi.org/10.1111/j.1464-5491.2007.02189.x>.

20.

Jeffcoate, W.J., Price, P.E.: Randomised controlled trial of the use of three dressing preparations in the management of chronic ulceration of the foot in diabetes. *Health Technology Assessment*. 13, 1–86 (2009).

21.

Jeffcoate, W.J., Game, F., Cavanagh, P.R.: The role of proinflammatory cytokines in the cause of neuropathic osteoarthropathy (acute Charcot foot) in diabetes. *The Lancet*. 366, 2058–2061 (2005). [https://doi.org/10.1016/S0140-6736\(05\)67029-8](https://doi.org/10.1016/S0140-6736(05)67029-8).

22.

Jeffcoate, W.: Vascular calcification and osteolysis in diabetic neuropathy?is RANK-L the missing link? *Diabetologia*. 47, 1488–1492 (2004). <https://doi.org/10.1007/s00125-004-1477-5>.

23.

Krishnan, S., Nash, F., Baker, N., Fowler, D., Rayman, G.: Reduction in Diabetic Amputations Over 11 Years in a Defined U.K. Population: Benefits of multidisciplinary team work and continuous prospective audit. *Diabetes Care*. 31, 99–101 (2008). <https://doi.org/10.2337/dc07-1178>.

24.

Lavery, L.A., Armstrong, D.G., Murdoch, D.P., Peters, E.J.G., Lipsky, B.A.: Validation of the Infectious Diseases Society of America's Diabetic Foot Infection Classification System. *Clinical Infectious Diseases*. 44, 562–565 (2007). <https://doi.org/10.1086/511036>.

25.

Lincoln, N.B., Radford, K.A., Game, F.L., Jeffcoate, W.J.: Education for secondary prevention of foot ulcers in people with diabetes: a randomised controlled trial. *Diabetologia*. 51, 1954–1961 (2008). <https://doi.org/10.1007/s00125-008-1110-0>.

26.

Mills Sr, J.L.: Open bypass and endoluminal therapy: complementary techniques for revascularization in diabetic patients with critical limb ischaemia. *Diabetes/Metabolism Research and Reviews*. 24, S34–S39 (2008). <https://doi.org/10.1002/dmrr.829>.

27.

Prompers, L., Huijberts, M., Apelqvist, J., Jude, E., Piaggese, A., Bakker, K., Edmonds, M., Holstein, P., Jirkovska, A., Mauricio, D., Tennvall, G.R., Reike, H., Spraul, M., Uccioli, L., Urbancic, V., Van Acker, K., Van Baal, J., Van Merode, F., Schaper, N.: Delivery of care to diabetic patients with foot ulcers in daily practice: results of the Eurodiale Study, a prospective cohort study. *Diabetic Medicine*. 25, 700–707 (2008). <https://doi.org/10.1111/j.1464-5491.2008.02445.x>.

28.

Prompers, L., Huijberts, M.: Optimal organization of health care in diabetic foot disease: introduction to the Eurodiale study. *International Journal of Lower Extremity Wounds*. 6, 7–11 (2007).

29.

Reiber, G.E., Smith, D.G., Wallace, C., Sullivan, K., Hayes, S., Vath, C., Maciejewski, M.L., Yu, O., Heagerty, P.J., LeMaster, J.: Effect of Therapeutic Footwear on Foot Reulceration in Patients With Diabetes. *JAMA*. 287, (2002). <https://doi.org/10.1001/jama.287.19.2552>.

30.

Gary Sibbald, R., Woo, K.Y.: The biology of chronic foot ulcers in persons with diabetes. *Diabetes/Metabolism Research and Reviews*. 24, S25–S30 (2008). <https://doi.org/10.1002/dmrr.847>.

31.

Schultz, G.S., Sibbald, R.G., Falanga, V., Ayello, E.A., Dowsett, C., Harding, K., Romanelli, M., Stacey, M.C., Teot, L., Vanscheidt, W.: Wound bed preparation: a systematic approach to wound management. *Wound Repair and Regeneration*. 11, S1–S28 (2003).
<https://doi.org/10.1046/j.1524-475X.11.s2.1.x>.

32.

Vileikyte, L., Leventhal, H., Gonzalez, J.S., Peyrot, M., Rubin, R.R., Ulbrecht, J.S., Garrow, A., Waterman, C., Cavanagh, P.R., Boulton, A.J.M.: Diabetic Peripheral Neuropathy and Depressive Symptoms: The association revisited. *Diabetes Care*. 28, 2378–2383 (2005).
<https://doi.org/10.2337/diacare.28.10.2378>.

33.

Vileikyte, L., Peyrot, M., Bundy, C., Rubin, R.R., Leventhal, H., Mora, P., Shaw, J.E., Baker, P., Boulton, A.J.M.: The Development and Validation of a Neuropathy- and Foot Ulcer-Specific Quality of Life Instrument. *Diabetes Care*. 26, 2549–2555 (2003).
<https://doi.org/10.2337/diacare.26.9.2549>.

34.

Wu, S.C., Jensen, J.L., Weber, A.K., Robinson, D.E., Armstrong, D.G.: Use of Pressure Offloading Devices in Diabetic Foot Ulcers: Do we practice what we preach? *Diabetes Care*. 31, 2118–2119 (2008). <https://doi.org/10.2337/dc08-0771>.

35.

Ziegler, D.: Painful diabetic neuropathy: treatment and future aspects. *Diabetes/Metabolism Research and Reviews*. 24, S52–S57 (2008).
<https://doi.org/10.1002/dmrr.817>.

36.

O'Meara, S., Nelson, E.A., Golder, S., Dalton, J.E., Craig, D., Iglesias, C.: Systematic review of methods to diagnose infection in foot ulcers in diabetes. *Diabetic Medicine*. 23, 341–347 (2006). <https://doi.org/10.1111/j.1464-5491.2006.01830.x>.

37.

Margolis, D.J., Hofstad, O., Feldman, H.I.: Association Between Renal Failure and Foot Ulcer or Lower-Extremity Amputation in Patients With Diabetes. *Diabetes Care*. 31, 1331–1336 (2008). <https://doi.org/10.2337/dc07-2244>.

38.

Valabhji, J.: FOOT PROBLEMS IN PATIENTS WITH DIABETES AND CHRONIC KIDNEY DISEASE. *Journal of Renal Care*. 38, 99–108 (2012). <https://doi.org/10.1111/j.1755-6686.2012.00284.x>.

39.

Berendt, A.R., Peters, E.J.G., Bakker, K., Embil, J.M., Eneroth, M., Hinchliffe, R.J., Jeffcoate, W.J., Lipsky, B.A., Senneville, E., Teh, J., Valk, G.D.: Diabetic foot osteomyelitis: a progress report on diagnosis and a systematic review of treatment. *Diabetes/Metabolism Research and Reviews*. 24, S145–S161 (2008). <https://doi.org/10.1002/dmrr.836>.

40.

Bus, S.A., Valk, G.D., van Deursen, R.W., Armstrong, D.G., Caravaggi, C., Hlaváček, P., Bakker, K., Cavanagh, P.R.: The effectiveness of footwear and offloading interventions to prevent and heal foot ulcers and reduce plantar pressure in diabetes: a systematic review. *Diabetes/Metabolism Research and Reviews*. 24, S162–S180 (2008). <https://doi.org/10.1002/dmrr.850>.

41.

Cullum, N., Nelson, E., Flemming, K., Sheldon, T.: Systematic reviews of wound care management: (5) beds; (6) compression; (7) laser therapy, therapeutic ultrasound, electrotherapy and electromagnetic therapy. *Health Technology Assessment*. 5,.

42.

Hinchliffe, R.J., Valk, G.D., Apelqvist, J., Armstrong, D.G., Bakker, K., Game, F.L., Hartemann-Heurtier, A., Löndahl, M., Price, P.E., van Houtum, W.H., Jeffcoate, W.J.: A systematic review of the effectiveness of interventions to enhance the healing of chronic ulcers of the foot in diabetes. *Diabetes/Metabolism Research and Reviews*. 24, S119–S144 (2008). <https://doi.org/10.1002/dmrr.825>.

43.

Nelson, E.A., O'Meara, S., Golder, S., Dalton, J., Craig, D., Iglesias, C.: Systematic review of antimicrobial treatments for diabetic foot ulcers. *Diabetic Medicine*. 23, 348–359 (2006). <https://doi.org/10.1111/j.1464-5491.2006.01785.x>.

44.

Nelson, E.A., O'Meara, S.: A series of systematic reviews to inform a decision analysis for sampling and treating infected diabetic foot ulcers. *Health Technology Assessment*. 10, 1–221 (2006).

45.

Price, P.: The Diabetic Foot: Quality of Life. *Clinical Infectious Diseases*. 39, S129–S131 (2004). <https://doi.org/10.1086/383274>.

46.

Andros, G., Armstrong, D.G.: Consensus statement on negative pressure wound therapy (V.A.C. Therapy) for the management of diabetic foot wounds. *Ostomy/wound management*. Suppl., 1–32 (2006).

47.

Bus, S.A., van Deursen, R.W.M., Kanade, R.V., Wissink, M., Manning, E.A., van Baal, J.G., Harding, K.G.: Plantar pressure relief in the diabetic foot using forefoot offloading shoes. *Gait & Posture*. 29, 618–622 (2009). <https://doi.org/10.1016/j.gaitpost.2009.01.003>.

48.

Crews, R.T., Armstrong, D.G.: A method for assessing off-loading compliance. *Journal of the American Podiatric Medical Association*. 99, 3–100 (2009).

49.

Game, F.L., Chipchase, S.Y., Hubbard, R., Burden, R.P., Jeffcoate, W.J.: Temporal association between the incidence of foot ulceration and the start of dialysis in diabetes mellitus. *Nephrology Dialysis Transplantation*. 21, 3207–3210 (2006). <https://doi.org/10.1093/ndt/gfl427>.

50.

Jeffcoate, W., Edmonds, M., Rayman, G., Shearman, C., Stuart, L., Turner, B.: Putting feet first-national guidance at last. *Diabetic Medicine*. 26, 1081–1082 (2009). <https://doi.org/10.1111/j.1464-5491.2009.02861.x>.

51.

W. Jeffcoate: One small step for diabetic podopathy. *Diabetologia*. 51, 214–215 (2008).

52.

Jeffcoate, W.J., Chipchase, S.Y., Ince, P., Game, F.L.: Assessing the Outcome of the Management of Diabetic Foot Ulcers Using Ulcer-Related and Person-Related Measures. *Diabetes Care*. 29, 1784–1787 (2006). <https://doi.org/10.2337/dc06-0306>.

53.

Krishnan, S.T.M., Quattrini, C., Jeziorska, M., Malik, R.A., Rayman, G.: Abnormal LDlflare but Normal Quantitative Sensory Testing and Dermal Nerve Fiber Density in Patients with Painful Diabetic Neuropathy. *Diabetes Care*. 32, 451–455 (2009). <https://doi.org/10.2337/dc08-1453>.

54.

Robertson, D.A., MacFarlane, R.M.: Seasonal occurrence of lesions in a diabetic foot clinic. *Diabetic medicine*. 8, (1991).

55.

Reiber, G.E., Smith, D.G.: Footwear used by individuals with diabetes and a history of foot ulcer. *Journal of rehabilitation research and development*. 39, 615–622 (2002).

56.

Shone, A., Burnside, J., Chipchase, S., Game, F., Jeffcoate, W.: Probing the Validity of the Probe-to-Bone Test in the Diagnosis of Osteomyelitis of the Foot in Diabetes. *Diabetes Care*. 29, 945–945 (2006). <https://doi.org/10.2337/diacare.29.04.06.dc05-2450>.

57.

Ulbrecht, J.S., Wukich, D.K.: The charcot foot: Medical and surgical therapy. *Current Diabetes Reports*. 8, 444–451 (2008). <https://doi.org/10.1007/s11892-008-0077-z>.

58.

Vileikyte, L., Gonzalez, J.S., Leventhal, H., Peyrot, M.F., Rubin, R.R., Garrow, A., Ulbrecht, J.S., Cavanagh, P.R., Boulton, A.J.M.: Patient Interpretation of Neuropathy (PIN) Questionnaire: An instrument for assessment of cognitive and emotional factors associated with foot self-care. *Diabetes Care*. 29, 2617–2624 (2006). <https://doi.org/10.2337/dc06-1550>.

59.

Amos A.F., McCarty D.J., Zimmet P.: The Rising Global Burden of Diabetes and its Complications: Estimates and Projections to the Year 2010. *Diabetic Medicine*. 14, S7–S85 (2004).

60.

Apelqvist, J.: The foot in perspective. *Diabetes/Metabolism Research and Reviews*. 24, S110–S115 (2008). <https://doi.org/10.1002/dmrr.834>.

61.

Bevilacqua, N.J., Rogers, L.C., Armstrong, D.G.: Diabetic foot surgery: classifying patients to predict complications. *Diabetes/Metabolism Research and Reviews*. 24, S81–S83 (2008). <https://doi.org/10.1002/dmrr.858>.

62.

Bus, S.A.: Foot structure and footwear prescription in diabetes mellitus. *Diabetes/Metabolism Research and Reviews*. 24, S90–S95 (2008). <https://doi.org/10.1002/dmrr.840>.

63.

Game, F.: The advantages and disadvantages of non-surgical management of the diabetic foot. *Diabetes/Metabolism Research and Reviews*. 24, S72–S75 (2008).

<https://doi.org/10.1002/dmrr.816>.

64.

Jeffcoate, W.J.: Charcot neuro-osteoarthropathy. *Diabetes/Metabolism Research and Reviews*. 24, S62–S65 (2008). <https://doi.org/10.1002/dmrr.837>.

65.

Petrova, N.L., Edmonds, M.E.: Charcot neuro-osteoarthropathy—current standards. *Diabetes/Metabolism Research and Reviews*. 24, S58–S61 (2008). <https://doi.org/10.1002/dmrr.846>.

66.

Price, P.E.: Education, psychology and 'compliance'. *Diabetes/Metabolism Research and Reviews*. 24, S101–S105 (2008). <https://doi.org/10.1002/dmrr.851>.

67.

Diabetes Care and Research in Europe: The St Vincent Declaration 1989. 1st Meeting of The St Vincent Declaration Diabetes Action Programme. St Vincent, Italy, 10–12 October 1989, https://www.idf.org/sites/default/files/St%20Vincent%20Declaration%201989_WHO%20Euro%20and%20IDF%20Europe.pdf, (1989).

68.

IWGDF | The International Working Group on the Diabetic Foot, http://iwgdf.org/?option=com_content&task=view&id=16&Itemid=26.

69.

Foot in Diabetes United Kingdom, <http://www.footindiabetes.org/resources>.

70.

NICE, <https://www.nice.org.uk/>.

71.

NICE clinical knowledge summaries on diabetes, <http://cks.nice.org.uk/diabetes-type-2>.

72.

NICE clinical knowledge summaries on diabetes – type 2 on Managing foot problems, <http://cks.nice.org.uk/diabetes-type-2#!scenario:4>.

73.

IDF (International Diabetes Federation), <http://www.idf.org/>.