

PC903: Diabetes of the Foot

[View Online](#)

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. (2002). 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(5), 377–384. <https://doi.org/10.1046/j.1464-5491.2002.00698.x>

Alder, A., Boyko, E., & Ahroni, J. (1999). Lower-extremity amputation in diabetes: The independent effects of peripheral vascular disease, sensory neuropathy and foot ulcers. *Diabetes Care*, 22:, 1029–1035. <http://www2.warwick.ac.uk/services/library/search/extracts/md/pc903>

Amos A.F., McCarty D.J., Zimmet P. (2004). The Rising Global Burden of Diabetes and its Complications: Estimates and Projections to the Year 2010. *Diabetic Medicine*, 14(S5), S7–S85. <http://0-onlinelibrary.wiley.com.pugwash.lib.warwick.ac.uk/doi/10.1002/%28SICI%291096-9136%28199712%2914:5+%3CS7::AID-DIA522%3E3.0.CO;2-R/abstract>

Andros, G., & Armstrong, D. G. (2006). Consensus statement on negative pressure wound therapy (V.A.C. Therapy) for the management of diabetic foot wounds. *Ostomy/Wound Management*, Suppl., 1–32. <http://www2.warwick.ac.uk/services/library/search/extracts/md/pc903>

Apelqvist, J. (2008). The foot in perspective. *Diabetes/Metabolism Research and Reviews*, 24(S1), S110–S115. <https://doi.org/10.1002/dmrr.834>

Apelqvist, J., Bakker, K., van Houtum, W. H., & Schaper, N. C. (2008). Practical guidelines on the management and prevention of the diabetic foot. *Diabetes/Metabolism Research and Reviews*, 24(S1), S181–S187. <https://doi.org/10.1002/dmrr.848>

Armstrong, D. G., Lavery, L. A., Wrobel, J. S., & Vileikyte, L. (2008). Quality of Life in Healing Diabetic Wounds: Does the End Justify the Means? *The Journal of Foot and Ankle Surgery*, 47(4), 278–282. <https://doi.org/10.1053/j.jfas.2008.02.015>

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

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. (2008a). Diabetic foot osteomyelitis: a progress report on diagnosis and a systematic review of treatment.

Diabetes/Metabolism Research and Reviews, 24(S1), S145–S161.
<https://doi.org/10.1002/dmrr.836>

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. (2008b). Specific guidelines for treatment of diabetic foot osteomyelitis. *Diabetes/Metabolism Research and Reviews*, 24(S1), S190–S191. <https://doi.org/10.1002/dmrr.853>

Bevilacqua, N. J., Rogers, L. C., & Armstrong, D. G. (2008). Diabetic foot surgery: classifying patients to predict complications. *Diabetes/Metabolism Research and Reviews*, 24(S1), S81–S83. <https://doi.org/10.1002/dmrr.858>

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. (2008). 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(8), 1679–1685. <https://doi.org/10.2337/dc08-9021>

Boyko, E. J., Ahroni, J. H., Cohen, V., Nelson, K. M., & Heagerty, P. J. (2006). Prediction of Diabetic Foot Ulcer Occurrence Using Commonly Available Clinical Information: The Seattle Diabetic Foot Study. *Diabetes Care*, 29(6), 1202–1207. <https://doi.org/10.2337/dc05-2031>

Bus, S. A. (2008). Foot structure and footwear prescription in diabetes mellitus. *Diabetes/Metabolism Research and Reviews*, 24(S1), S90–S95. <https://doi.org/10.1002/dmrr.840>

Bus, S. A., Valk, G. D., van Deursen, R. W., Armstrong, D. G., Caravaggi, C., Hlaváček, P., Bakker, K., & Cavanagh, P. R. (2008a). Specific guidelines on footwear and offloading. *Diabetes/Metabolism Research and Reviews*, 24(S1), S192–S193. <https://doi.org/10.1002/dmrr.855>

Bus, S. A., Valk, G. D., van Deursen, R. W., Armstrong, D. G., Caravaggi, C., Hlaváček, P., Bakker, K., & Cavanagh, P. R. (2008b). 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(S1), S162–S180. <https://doi.org/10.1002/dmrr.850>

Bus, S. A., van Deursen, R. W. M., Kanade, R. V., Wissink, M., Manning, E. A., van Baal, J. G., & Harding, K. G. (2009). Plantar pressure relief in the diabetic foot using forefoot offloading shoes. *Gait & Posture*, 29(4), 618–622. <https://doi.org/10.1016/j.gaitpost.2009.01.003>

Crews, R. T., & Armstrong, D. G. (2009). A method for assessing off-loading compliance. *Journal of the American Podiatric Medical Association*, 99(2), 3–100. <https://arlr.iii.com/nonret~S0&atitle=A+method+for+assessing+off-loading+compliance&title=Journal+of+the+American+Podiatric+Medical+Association&aufirst=R.+T.&auinit=&aulast=Crews&issn=87507315&eissn=&coden=&volume=99&issue=2&spage=3&epage=100&quarter=&ssn=&date=2009&sid=&reqtype3>

Cullum, N., Nelson, E., Flemming, K., & Sheldon, T. (n.d.). Systematic reviews of wound

care management: (5) beds; (6) compression; (7) laser therapy, therapeutic ultrasound, electrotherapy and electromagnetic therapy. Health Technology Assessment, 5(9).
<http://www.journalslibrary.nihr.ac.uk/hta/volume-5/issue-9#hometab0>

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. (1989). World Health Organisation and International Diabetes Federation.
https://www.idf.org/sites/default/files/St%20Vincent%20Declaration%201989_WHO%20Euro%20and%20IDF%20Europe.pdf

Foot in Diabetes United Kingdom. (n.d.). <http://www.footindiabetes.org/resources>

Gabbay, R., & Kaul, A., S. (2011). Motivational interviewing by podiatric physicians: a method for improving patient self-care of the diabetic foot. Journal of the American Podiatric Medical Association, 101(1), 78–84.
<https://arlr.iii.com/nonret~S0&atitle=Motivational+interviewing+by+podiatric+physicians:+a+method+for+improving+patient+self-care+of+the+diabetic+foot&title=Journal+of+the+American+Podiatric+Medical+Association&aufirst=R.&aunit=&auplast=Gabbay,&issn=87507315&eissn=&coden=&volume=101&issue=1&spage=78&epage=84&quarter=&ssn=&date=2011&sid=&reqtype3>

Game, F. (2008). The advantages and disadvantages of non-surgical management of the diabetic foot. Diabetes/Metabolism Research and Reviews, 24(S1), S72–S75.
<https://doi.org/10.1002/dmrr.816>

Game, F. L., Chipchase, S. Y., Hubbard, R., Burden, R. P., & Jeffcoate, W. J. (2006). Temporal association between the incidence of foot ulceration and the start of dialysis in diabetes mellitus. Nephrology Dialysis Transplantation, 21(11), 3207–3210.
<https://doi.org/10.1093/ndt/gfl427>

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

Game, F. L., & Jeffcoate, W. J. (2008). Primarily non-surgical management of osteomyelitis of the foot in diabetes. Diabetologia, 51(6), 962–967.
<https://doi.org/10.1007/s00125-008-0976-1>

Gary Sibbald, R., & Woo, K. Y. (2008). The biology of chronic foot ulcers in persons with diabetes. Diabetes/Metabolism Research and Reviews, 24(S1), S25–S30.
<https://doi.org/10.1002/dmrr.847>

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. (2008). 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(S1), S119–S144. <https://doi.org/10.1002/dmrr.825>

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. (2016).

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(2), 3S-21S.
<https://doi.org/10.1016/j.jvs.2015.10.003>

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

Ince, P., Kendrick, D., Game, F., & Jeffcoate, W. (2007). The association between baseline characteristics and the outcome of foot lesions in a UK population with diabetes. *Diabetic Medicine*, 24(9), 977–981. <https://doi.org/10.1111/j.1464-5491.2007.02189.x>

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

Jeffcoate, W. (2004). Vascular calcification and osteolysis in diabetic neuropathy? is RANK-L the missing link? *Diabetologia*, 47(9), 1488–1492.
<https://doi.org/10.1007/s00125-004-1477-5>

Jeffcoate, W., Edmonds, M., Rayman, G., Shearman, C., Stuart, L., & Turner, B. (2009). Putting feet first-national guidance at last. *Diabetic Medicine*, 26(11), 1081–1082.
<https://doi.org/10.1111/j.1464-5491.2009.02861.x>

Jeffcoate, W. J. (2008). Charcot neuro-osteoarthropathy. *Diabetes/Metabolism Research and Reviews*, 24(S1), S62–S65. <https://doi.org/10.1002/dmrr.837>

Jeffcoate, W. J., Chipchase, S. Y., Ince, P., & Game, F. L. (2006). Assessing the Outcome of the Management of Diabetic Foot Ulcers Using Ulcer-Related and Person-Related Measures. *Diabetes Care*, 29(8), 1784–1787. <https://doi.org/10.2337/dc06-0306>

Jeffcoate, W. J., Game, F., & Cavanagh, P. R. (2005). The role of proinflammatory cytokines in the cause of neuropathic osteoarthropathy (acute Charcot foot) in diabetes. *The Lancet*, 366(9502), 2058–2061. [https://doi.org/10.1016/S0140-6736\(05\)67029-8](https://doi.org/10.1016/S0140-6736(05)67029-8)

Jeffcoate, W. J., & Price, P. E. (2009). 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(54), 1–86. <http://dx.doi.org/10.3310/hta13540>

Krishnan, S., Nash, F., Baker, N., Fowler, D., & Rayman, G. (2008). 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(1), 99–101.
<https://doi.org/10.2337/dc07-1178>

Krishnan, S. T. M., Quattrini, C., Jeziorska, M., Malik, R. A., & Rayman, G. (2009). Abnormal LDl flare but Normal Quantitative Sensory Testing and Dermal Nerve Fiber Density in Patients with Painful Diabetic Neuropathy. *Diabetes Care*, 32(3), 451–455.
<https://doi.org/10.2337/dc08-1453>

Lavery, L. A., Armstrong, D. G., Murdoch, D. P., Peters, E. J. G., & Lipsky, B. A. (2007). Validation of the Infectious Diseases Society of America's Diabetic Foot Infection Classification System. *Clinical Infectious Diseases*, 44(4), 562–565.
<https://doi.org/10.1086/511036>

Lessons from Eurodiale. (n.d.). Diabetes/Metabolism Research and Reviews. <http://0-dx.doi.org.pugwash.lib.warwick.ac.uk/10.1002/dmrr.2266>

Lincoln, N. B., Radford, K. A., Game, F. L., & Jeffcoate, W. J. (2008). Education for secondary prevention of foot ulcers in people with diabetes: a randomised controlled trial. *Diabetologia*, 51(11), 1954–1961. <https://doi.org/10.1007/s00125-008-1110-0>

Maciejewski, M. L., Reiber, G. E., Smith, D. G., Wallace, C., Hayes, S., & Boyko, E. J. (2004). Effectiveness of Diabetic Therapeutic Footwear in Preventing Reulceration. *Diabetes Care*, 27(7), 1774–1782. <https://doi.org/10.2337/diacare.27.7.1774>

Margolis, D. J., Hofstad, O., & Feldman, H. I. (2008). Association Between Renal Failure and Foot Ulcer or Lower-Extremity Amputation in Patients With Diabetes. *Diabetes Care*, 31(7), 1331–1336. <https://doi.org/10.2337/dc07-2244>

Mills Sr, J. L. (2008). Open bypass and endoluminal therapy: complementary techniques for revascularization in diabetic patients with critical limb ischaemia. *Diabetes/Metabolism Research and Reviews*, 24(S1), S34–S39. <https://doi.org/10.1002/dmrr.829>

Nelson, E. A., & O'Meara, S. (2006). A series of systematic reviews to inform a decision analysis for sampling and treating infected diabetic foot ulcers. *Health Technology Assessment*, 10(12:), 1–221. <https://dx.doi.org/10.3310/hta10120>

Nelson, E. A., O'Meara, S., Golder, S., Dalton, J., Craig, D., & Iglesias, C. (2006). Systematic review of antimicrobial treatments for diabetic foot ulcers. *Diabetic Medicine*, 23(4), 348–359. <https://doi.org/10.1111/j.1464-5491.2006.01785.x>

NICE. (n.d.). <https://www.nice.org.uk/>

NICE clinical knowledge summaries on diabetes. (n.d.). <http://cks.nice.org.uk/diabetes-type-2>

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

O'Meara, S., Nelson, E. A., Golder, S., Dalton, J. E., Craig, D., & Iglesias, C. (2006). Systematic review of methods to diagnose infection in foot ulcers in diabetes. *Diabetic Medicine*, 23(4), 341–347. <https://doi.org/10.1111/j.1464-5491.2006.01830.x>

Petrova, N. L., & Edmonds, M. E. (2008). Charcot neuro-osteoarthropathy—current standards. *Diabetes/Metabolism Research and Reviews*, 24(S1), S58–S61. <https://doi.org/10.1002/dmrr.846>

Price, P. (2004). The Diabetic Foot: Quality of Life. *Clinical Infectious Diseases*, 39 (Supplement 2), S129–S131. <https://doi.org/10.1086/383274>

Price, P. E. (2008). Education, psychology and 'compliance'. *Diabetes/Metabolism Research and Reviews*, 24(S1), S101–S105. <https://doi.org/10.1002/dmrr.851>

Prompers, L., & Huijberts, M. (2007). Optimal organization of health care in diabetic foot disease: introduction to the Eurodiale study. *International Journal of Lower Extremity Wounds*, 6(1), 7–11. <http://www2.warwick.ac.uk/services/library/search/extracts/md/pc903>

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. (2008). Delivery of care to diabetic patients with foot ulcers in daily practice: results of the Eurodiale Study, a prospective cohort study. *Diabetic Medicine*, 25(6), 700–707.
<https://doi.org/10.1111/j.1464-5491.2008.02445.x>

Reiber, G. E., & Smith, D. G. (2002). Footwear used by individuals with diabetes and a history of foot ulcer. *Journal of Rehabilitation Research and Development*, 39(5), 615–622.
<http://www.rehab.research.va.gov/jour/02/39/5/pdf/reiber.pdf>

Reiber, G. E., Smith, D. G., Wallace, C., Sullivan, K., Hayes, S., Vath, C., Maciejewski, M. L., Yu, O., Heagerty, P. J., & LeMaster, J. (2002). Effect of Therapeutic Footwear on Foot Reulceration in Patients With Diabetes. *JAMA*, 287(19).
<https://doi.org/10.1001/jama.287.19.2552>

Robertson, D. A., & MacFarlane, R. M. (1991). Seasonal occurrence of lesions in a diabetic foot clinic. *Diabetic Medicine*, 8(10).
<http://www2.warwick.ac.uk/services/library/search/extracts/md/pc903>

Schultz, G. S., Sibbald, R. G., Falanga, V., Ayello, E. A., Dowsett, C., Harding, K., Romanelli, M., Stacey, M. C., Teot, L., & Vanscheidt, W. (2003). Wound bed preparation: a systematic approach to wound management. *Wound Repair and Regeneration*, 11(s1), S1–S28.
<https://doi.org/10.1046/j.1524-475X.11.s2.1.x>

Shone, A., Burnside, J., Chipchase, S., Game, F., & Jeffcoate, W. (2006). Probing the Validity of the Probe-to-Bone Test in the Diagnosis of Osteomyelitis of the Foot in Diabetes. *Diabetes Care*, 29(4), 945–945. <https://doi.org/10.2337/diacare.29.04.06.dc05-2450>

Stratification of foot ulcer risk in patients with diabetes: a population-based study. (n.d.). *International Journal of Clinical Practice*.
<http://0-dx.doi.org.pugwash.lib.warwick.ac.uk/10.1111/j.1368-5031.2006.00899.x>

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

Therapeutic footwear for people with diabetes. (n.d.).
<http://0-onlinelibrary.wiley.com.pugwash.lib.warwick.ac.uk/doi/10.1002/dmrr.435/epdf>

Ulbrecht, J. S., & Wukich, D. K. (2008). The charcot foot: Medical and surgical therapy. *Current Diabetes Reports*, 8(6), 444–451. <https://doi.org/10.1007/s11892-008-0077-z>

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

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. (2006). Patient Interpretation of Neuropathy (PIN) Questionnaire: An instrument for assessment of cognitive and emotional factors associated

with foot self-care. *Diabetes Care*, 29(12), 2617–2624. <https://doi.org/10.2337/dc06-1550>
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. (2005). Diabetic Peripheral Neuropathy and Depressive Symptoms: The association revisited. *Diabetes Care*, 28(10), 2378–2383. <https://doi.org/10.2337/diacare.28.10.2378>

Vileikyte, L., Peyrot, M., Bundy, C., Rubin, R. R., Leventhal, H., Mora, P., Shaw, J. E., Baker, P., & Boulton, A. J. M. (2003). The Development and Validation of a Neuropathy- and Foot Ulcer-Specific Quality of Life Instrument. *Diabetes Care*, 26(9), 2549–2555.
<https://doi.org/10.2337/diacare.26.9.2549>

W. Jeffcoate. (2008). One small step for diabetic podopathy. *Diabetologia*, 51(Issue 2), 214–215.
<http://0-link.springer.com.pugwash.lib.warwick.ac.uk/article/10.1007/s00125-007-0881-z>

Wu, S. C., Jensen, J. L., Weber, A. K., Robinson, D. E., & Armstrong, D. G. (2008). Use of Pressure Offloading Devices in Diabetic Foot Ulcers: Do we practice what we preach? *Diabetes Care*, 31(11), 2118–2119. <https://doi.org/10.2337/dc08-0771>

Ziegler, D. (2008). Painful diabetic neuropathy: treatment and future aspects. *Diabetes/Metabolism Research and Reviews*, 24(S1), S52–S57.
<https://doi.org/10.1002/dmrr.817>