

Roberto Anichini, Prof, M.D
Director of Diabetes Foot Unit
Director Diabetes Unit,USL CENTRO-TOSCANA. Pistoia, Italy



Past Coordinator of the Italian Study Group “Podopatia Diabetica” of Diabetic foot of Italian Societies of Diabetes. (2015-2019).

President and Scientific director of Italian Congress of Italian Diabetic Foot “Podopatia Diabetica” Study Group (2016/2019).

Member of European Executive Committee of Diabetic Foot Study Group of EASD 2017-2020

Regional Chair (Europe) of D-Foot International from 2018-.

Cochairman of Accreditation-Bechmarking(b)Audit Group of D-Foot International from 2018-

Scientific Supervisor of the translation (in Italian) and upgrade of the International Working Group of the Diabetic Foot (IWGDF) Guidance (2016-2019).

Expert to produce guidance in the following topics:

- Implementation of IWGDF from a *step by step* approach to a shared care for screening/prevention/treatment/follow up of diabetic foot lesions in Italy from 2004
- Sharing of IWGDF with GPs for diabetic foot prevention and early diagnosis of DF and with different specialists of the multidisciplinary diabetic foot group (multidisciplinary and Multiprofessional Approaches)
- Production of specific protocols /flow charts for diabetic foot management.
- Referent for diabetic foot for the Ministry of Health and Italian Parliament for new standard/minimum healthcare provision and new foot wear regulation.
- Referent of Regional Tuscany Health care system for new regional organization of diabetic foot care.
- Monitoring “hard” outcomes for Diabetic Foot (Institutional Audits).



CURRICULUM VITAE

Name and Address:

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Date of Birth April , 15, 1956

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Current Position

Director of Diabetes Unit, General Hospital, Pistoia, Italy. Chief of Diabetes Foot Unit, Area Vasta Centro, Toscana, Italy. Italian Coordinator Of Diabetic Foot Study Group.

Professor of "Scienze Motorie" University of Florence. Professor of Podiatric Faculty, University of Florence

Professional Education and Experience:

1979-1983 Internal Student, Diabetes and Metabolism Unit, Istitute of Internal Medicine, University of Pisa.

June 1983 Degree in Medicine, University of Pisa

1984-1989 Registrar to Prof R. Navalesi, Diabetes and Metabolism Unit, Istitute of Medicine, University of Pisa.

1990-1991 Registrar in Internal Medicine, Spedali Riuniti, Volterra (PI)

1991-current Senior registrar in Diabetes Unit, General Hospital, Pistoia, Italy. 2004 Chief of Diabetes Foot Unit, General Hospital, Pistoia, Italy.

2011 Director of Diabetes Unit Area Pistoiese (Usl Centro Toscana):

2016: Coordinator of Diabetes Foot Unit Health Care Sistem "Centro" of Tuscany.

Postgraduate specializations

July 1986 : Diabetology and Metabolism University of Parma

July 1989: Nephrology University of Pisa

Nov. 1994: Internal Medicine University of Pisa

2000: Master in "Evidence-based medicine: the basis for promoting health" University of Pisa Scuola Superiore Sant'Anna Pisa.

In these years the scientific areas of interest were as follows:

- **Diabetes Foot with particular attention in epidemiological aspects, prevention program for amputations and monitoring outcomes.**
- **Assessment of limited joint mobility for prevention diabetic foot ulcers.**
- **Adapted Physical activity as an additional tool for prevention of diabetic foot.**
- **Research on early markers of disease in diabetes mellitus chronic complications.**
- **Epidemiology of diabetes in Pistoia area in collaboration with general practitioners.**
- **Gestational diabetes**
- **Risk factors linked to low birth weight**
- **Obesity and metabolic syndrome.**
- **Gender differences in diabetes complications.**

Memberships to Scientific societies:

- *Diabetic Foot Study Group of EASD from 2000*
- *Italian Society of Diabetology*
- *Associazione Medici Diabetologi*
- *American Diabetes association*
- *European Association for the study of Diabetes and DFSG*
- *International Diabetes Federation*

Published Papers by Roberto Anichini M.D.

MORE than 300 papers and Abstracts in national and international journals.

Recently published paper (2013-2020) Pubmed.

1. Photodynamic Topical Antimicrobial Therapy for Infected Diabetic Foot Ulcers in Patients With Diabetes: A Case Series E., Curci V, MD, Da Ros R, Miranda C, Boschetti V, Barone S, Tedeschi A, Salutini E, and **Roberto Anichini**, on behalf of ODUMAMP (Old Diabetic Ulcers Milano Abano Monfalcone Pistoia) Group. The International Journal of Lower Extremity Wounds, First Published 19 Jun 2020.
2. The Complexity of Diabetic Foot Management: From Common Care to Best Practice. The Italian Expert Opinion by Delphi Survey E, Brocco E, Da Ros R, Monge, L Uccioli L, Anichini R.. The International Journal of Lower Extremity Wounds, vol. 19, 1: pp. 34-43. , First Published December 15, 2019
3. Physician experts in diabetes are natural team leaders for managing diabetic patients with foot complications. A position statement from the Italian diabetic foot study group. **Anichini R**, Brocco E, Caravaggi CM, Da Ros R, Giurato L, Izzo V, Meloni M, Uccioli L; SID/AMD Diabetic Foot Study Group. Nutr Metab Cardiovasc Dis. 2020 Feb 10;30(2):167-178. doi: 10.1016/j.numecd.2019.11.009. Epub 2019 Nov 26
4. Sorelli M, Francia P, Bocchi L, De Bellis A, **Anichini R**. Assessment of cutaneous microcirculation by laser Doppler flowmetry in type 1 diabetes Microvasc Res. 2019 Jul;124:91-96. doi: 10.1016/j.mvr.2019.04.002. Epub 2019 Apr 6. PMID: 30959000
5. Francia P, Bellis A, Seghieri G, Tedeschi A, Iannone G, Anichini R, Continuous Movement Monitoring of Daily Living Activities for Prevention of Diabetic Foot Ulcer: A Review of Literature. Int J Prev Med. 2019 Feb 12;10:22. doi: 10.4103/ijpvm.IJPVM_410_17. eCollection 2019. Review. PMID: 30820309
6. Seghieri G, Policardo L, Gualdani E, Anichini R, Francesconi P. Gender difference in the risk for cardiovascular events or mortality of patients with diabetic foot syndrome. Acta Diabetol. 2019 Feb 5. doi: 10.1007/s00592-019-01292-y. [Epub ahead of print] PMID: 30725263
7. Mirijello A, Viazzi F, Fioretto P, Giorda C, Ceriello A, Russo GT, Guida P, Pontremoli R, De Cosmo S; AMD ANNALS Study Group. Association of kidney disease measures with risk of renal function worsening in patients with type 1 diabetes .BMC Nephrol. 2018 Dec 4;19(1):347. doi: 10.1186/s12882-018-1136-6. PMID: 30514308-
8. Marchesini G, Pasqualetti P, Anichini R, Caputo S, Memoli G, Ponzani P, Resi V, Rizzo M, Serviddio G, Zanette G. Patient preferences for treatment in type 2 diabetes: the Italian discrete-choice

- experiment analysis. *Acta Diabetol.* 2019 Mar;56(3):289-299. doi: 10.1007/s00592-018-1236-6. Epub 2018 Oct 10. PMID:30306406
9. Fadini GP, Solini A, Manca ML, Penno G, Gatti A, Anichini R, Del Prato S, Avogaro A; DARWIN-T2D Network. Effectiveness of dapagliflozin versus comparators on renal endpoints in the real world: A multicentre retrospective study. *Diabetes Obes Metab.* 2019 Feb;21(2):252-260. doi: 10.1111/dom.13508. Epub 2018 Sep 21. PMID 30136354
 10. Fadini GP, Solini A, Manca ML, Zatti G, Karamouzis I, Di Benedetto A, Frittitta L, Avogaro A; DARWIN-T2D Network. Phenotyping normal kidney function in elderly patients with type 2 diabetes: a cross-sectional multicentre study. *Acta Diabetol.* 2018 Nov;55(11):1121-1129. doi: 10.1007/s00592-018-1194-z. Epub 2018 Aug 9. PMID30090961
 11. Fadini GP, Bottigliengo D, D'Angelo F, Cavalot F, Bossi AC, Zatti G, Baldi I, Avogaro A; DARWIN-T2D Network. Comparative Effectiveness of DPP-4 Inhibitors Versus Sulfonylurea for the Treatment of Type 2 Diabetes in Routine Clinical Practice: A Retrospective Multicenter Real-World Study. *Diabetes Ther.* 2018 Aug;9(4):1477-1490. doi: 10.1007/s13300-018-0452-y. Epub 2018 Jun 1. PMID:29858976
 12. Tedeschi A, De Bellis A, Francia P, Bernini A, Perini M, Salutini E, Anichini R. Tapentadol Prolonged Release Reduces the Severe Chronic Ischaemic Pain and Improves the Quality of Life in Patients with Type 2 Diabetes. *J Diabetes Res.* 2018 Feb 20;2018:1081792. doi: 10.1155/2018/1081792. eCollection 2018. PMID:29675431
 13. Troisi N, Turini F, Chisci E, Ercolini L, Frosini P, Lombardi R, Falciani F, Baggione C, Anichini R, Michelagnoli S. Impact of Pedal Arch Patency on Tissue Loss and Time to Healing in Diabetic Patients with Foot Wounds Undergoing Infrainguinal Endovascular Revascularization. *Korean J Radiol.* 2018 Jan-Feb;19(1):47-53. doi: 10.3348/kjr.2018.19.1.47. Epub 2018 Jan 2. PMID:29353999
 14. Fadini GP, Zatti G, Consoli A, Bonora E, Sesti G, Avogaro A; DARWIN-T2D Network. Rationale and design of the DARWIN-T2D (DApagliflozin Real World evidence in Type 2 Diabetes): A multicenter retrospective nationwide Italian study and crowdsourcing opportunity. *Nutr Metab Cardiovasc Dis.* 2017 Dec;27(12):1089-1097. doi: 10.1016/j.numecd.2017.08.001. Epub 2017 Aug 8. PMID:28967594
 15. Vaccaro O, Masulli M, Nicolucci A, Bonora E, Del Prato S, Maggioni AP, Rivellese AA, Squatrito S, Giorda CB, Sesti G, Mocarelli P, Lucisano G, Sacco M, Signorini S, Cappellini F, Perriello G, Babini AC, Lapolla A, Gregori G, Giordano C, Corsi L, Buzzetti R, Clemente G, Di Cianni G, Iannarelli R, Cordera R, La Macchia O, Zamboni C, Scaranna C, Boemi M, Iovine C, Lauro D, Leotta S, Dall'Aglio E, Cannarsa E, Tonutti L, Pugliese G, Bossi AC, Anichini R, Dotta F, Di Benedetto A, Citro G, Antenucci D, Ricci L, Giorgino F, Santini C, Gnasso A, De Cosmo S, Zavaroni D, Vedovato M, Consoli A, Calabrese M, di Bartolo P, Fornengo P, Riccardi G; Thiazolidinediones Or Sulfonylureas Cardiovascular Accidents Intervention Trial (TOSCA.IT) study group; Italian Diabetes Society. Effects on the incidence of cardiovascular events of the addition of pioglitazone versus sulfonylureas in patients with type 2 diabetes inadequately controlled with metformin (TOSCA.IT): a randomised, multicentre trial. *Lancet Diabetes Endocrinol.* 2017 Nov;5(11):887-897. doi: 10.1016/S2213-8587(17)30317-0. Epub 2017 Sep 13. Erratum in: [Lancet Diabetes Endocrinol. 2017 Nov;5\(11\):e7.](#) PMID:28917544
 16. Francia P, Anichini R, Seghieri G, De Bellis A, Gulisano M. History, Prevalence and Assessment of Limited Joint Mobility and Stiff Hand Syndrome to Diabetic Foot Ulcer Prevention: A Narrative Review of the Literature. *Curr Diabetes Rev.* 2018;14(5):411-426. doi: 10.2174/1573399813666170816142731.
 17. Troisi N, Turini F, Chisci E, Ercolini L, Frosini P, Lombardi R, Falciani F, Baggione C, Anichini R, Michelagnoli S. Pedal arch patency and not direct-angiosome revascularization predicts outcomes of endovascular interventions in diabetic patients with critical limb ischemia. *Int Angiol.* 2017 Oct;36(5):438-444. doi: 10.23736/S0392-9590.17.03809-3. Epub 2017 May 24. PubMed PMID: 28541016.
 18. Anichini R, Policardo L, Lombardo FL, Salutini E, Tedeschi A, Viti S, Francia P, Brocco E, Maggini M, Seghieri G, De Bellis A. Hospitalization for Charcot neuroarthropathy in

- diabetes: A population study in Italy. *Diabetes Res Clin Pract.* 2017 Jul;129:25-31. doi: 10.1016/j.diabres.2017.03.029. Epub 2017 Apr 28. PubMed PMID: 28500867.
19. Policardo L, Seghieri G, Anichini R, Francesconi P. Effect of statins on hospitalization risk of bacterial infections in patients with or without diabetes. *Acta Diabetol.* 2017 Jul;54(7):669-675. doi: 10.1007/s00592-017-0990-1. Epub 2017 Apr 18. PubMed PMID: 28421335.
 20. Collaborative synergy in the management of diabetic patients with acute coronary syndrome. Di Lenarda A, Candido R, **Anichini R**, Caldarola P, Comeglio M, Giordano R, Laviola L, Perseghin G, Polizzi GM, Provenzano V, Ricci R, Specchia G, Zicari S. *G Ital Cardiol (Rome).* 2019 Jun;20(6):351-360. doi: 10.1714/3165.31468. PMID: 31184321 Italian.
 21. Vitale M, Masulli M, Rivellese AA, Bonora E, Cappellini F, Nicolucci A, Squatrito S, Antenucci D, Barrea A, Bianchi C, Bianchini F, Fontana L, Fornengo P, Giorgino F, Gnasso A, Mannucci E, Mazzotti A, Nappo R, Palena AP, Pata P, Perriello G, Potenziani S, Radin R, Ricci L, Romeo F, Santini C, Scarponi M, Serra R, Timi A, Turco AA, Vedovato M, Zavaroni D, Grioni S, Riccardi G, Vaccaro O; TOSCA.IT Study Group. Dietary intake and major food sources of polyphenols in people with type 2 diabetes: The TOSCA.IT Study. *Eur J Nutr.* 2016 Dec 21. doi:10.1007/s00394-016-1355-1. [Epub ahead of print] PubMed PMID: 28004268.
 22. Policardo L, Seghieri G, Francesconi P, Anichini R, Franconi F, Del Prato S. Gender difference in diabetes related excess risk of cardiovascular events: When does the 'risk window' open? *J Diabetes Complications.* 2017 Jan;31(1):74-79. doi:10.1016/j.jdiacomp.2016.09.010. Epub 2016 Sep 30. PubMed PMID: 27746087.
 23. Vitale M, Masulli M, Coccozza S, Anichini R, Babini AC, Boemi M, Bonora E, Buzzetti R, Carpinteri R, Caselli C, Ceccarelli E, Cignarelli M, Citro G, Clemente G, Consoli A, Corsi L, De Gregorio A, Di Bartolo P, Di Cianni G, Fontana L, Garofolo M, Giorda CB, Giordano C, Grioni S, Iovine C, Longhitano S, Mancastroppa G, Mazzucchelli C, Montani V, Mori M, Perriello G, Rinaldi ME, Ruffo MC, Salvi L, Sartore G, Scaranna C, Tonutti L, Zamboni C, Zogheri A, Krogh V, Cappellini F, Signorini S, Riccardi G, Vaccaro O; TOSCA.IT Study Group. Sex differences in food choices, adherence to dietary recommendations and plasma lipid profile in type 2 diabetes - The TOSCA.IT study. *Nutr Metab Cardiovasc Dis.* 2016 Oct;26(10):879-85. doi: 10.1016/j.numecd.2016.04.006. Epub 2016 Apr 16. PubMed PMID: 27212622.
 24. Seghieri G, Policardo L, Anichini R, Franconi F, Campesi I, Cherchi S, Tonolo G. The Effect of Sex and Gender on Diabetic Complications. *Curr Diabetes Rev.* 2016 May 17. [Epub ahead of print] PubMed PMID: 27183843.
 25. Napoli Z, Seghieri G, Bianchi L, Anichini R, De Bellis A, Campesi I, Carru C, Occhioni S, Zinellu A, Franconi F. Taurine Transporter Gene Expression in Mononuclear Blood Cells of Type 1 Diabetes Patients. *J Diabetes Res.* 2016;2016:7313162. doi: 10.1155/2016/7313162. Epub 2016 Feb 3. PubMed PMID:26955642; PubMed Central PMCID: PMC4756203.
 26. Seghieri G, Policardo L, Profili F, Francesconi P, Anichini R, Del Prato S. Hospital incidental diagnosis of diabetes: A population study. *J Diabetes Complications.* 2016 Apr;30(3):457-61. doi: 10.1016/j.jdiacomp.2015.12.006. Epub 2015 Dec 11. PubMed PMID: 26782024.
 27. Francia P, Anichini R, De Bellis A, Seghieri G, Lazzeri R, Paternostro F, Gulisano M. Diabetic foot prevention: the role of exercise therapy in the treatment of limited joint mobility, muscle weakness and reduced gait speed. *Ital J Anat Embryol.* 2015;120(1):21-32. PubMed PMID: 26738255.
 28. Francia P, Seghieri G, Gulisano M, De Bellis A, Toni S, Tedeschi A, Anichini R. The role of joint mobility in evaluating and monitoring the risk of diabetic foot ulcer. *Diabetes Res Clin Pract.* 2015 Jun;108(3):398-404. doi:10.1016/j.diabres.2015.04.001. Epub 2015 Apr 15. PubMed PMID: 25906705.

29. Policardo L, Seghieri G, Francesconi P, Anichini R, Franconi F, Seghieri C, Del Prato S. Gender difference in diabetes-associated risk of first-ever and recurrent ischemic stroke. *J Diabetes Complications*. 2015 Jul;29(5):713-7. doi:10.1016/j.jdiacom.2014.12.008. Epub 2014 Dec 20. PubMed PMID: 25660138.
30. Policardo L, Seghieri G, Anichini R, De Bellis A, Franconi F, Francesconi P, Del Prato S, Mannucci E. Effect of diabetes on hospitalization for ischemic stroke and related in-hospital mortality: a study in Tuscany, Italy, over years 2004-2011. *Diabetes Metab Res Rev*. 2015 Mar;31(3):280-6. doi: 10.1002/dmrr.2607. Epub 2014 Nov 18. PubMed PMID: 25255901.
31. Zampetti S, Campagna G, Tiberti C, Songini M, Arpi ML, De Simone G, Cossu E, Cocco L, Osborn J, Bosi E, Giorgino F, Spoletini M, Buzzetti R; NIRAD StudyGroup. High GADA titer increases the risk of insulin requirement in LADA patients: a 7-year follow-up (NIRAD study 7). *Eur J Endocrinol*. 2014 Dec;171(6):697-704. doi: 10.1530/EJE-14-0342. Epub 2014 Sep 11. PubMed PMID:25213702.
32. Francia P, Gulisano M, Anichini R, Seghieri G. Diabetic foot and exercise therapy: step by step the role of rigid posture and biomechanics treatment. *Curr Diabetes Rev*. 2014 Mar;10(2):86-99. Review. PubMed PMID: 24807636.
33. Lombardo FL, Maggini M, De Bellis A, Seghieri G, Anichini R. Lower extremity amputations in persons with and without diabetes in Italy: 2001-2010. *PLoS One*. 2014 Jan 28;9(1):e86405. doi: 10.1371/journal.pone.0086405. eCollection 2014. PubMed PMID: 24489723; PubMed Central PMCID: PMC3904875.
34. Aiello A, Anichini R, Brocco E, Caravaggi C, Chiavetta A, Cioni R, Da Ros R, De Feo ME, Ferraresi R, Florio F, Gargiulo M, Galzerano G, Gandini R, Giurato L, Graziani L, Mancini L, Manzi M, Modugno P, Setacci C, Uccioli L; Italian Society of Diabetes; Italian Society of Radiology; Italian Society of Vascular Endovascular Surgery. Treatment of peripheral arterial disease in diabetes: a consensus of the Italian Societies of Diabetes (SID, AMD), Radiology (SIRM) and Vascular Endovascular Surgery (SICVE). *Nutr Metab Cardiovasc Dis*. 2014Apr;24(4):355-69. doi: 10.1016/j.numecd.2013.12.007. Epub 2013 Dec 25. PubMed PMID: 24486336.
35. De Cosmo S, Rossi MC, Pellegrini F, Lucisano G, Bacci S, Gentile S, Ceriello A, Russo G, Nicolucci A, Giorda C, Viazi F, Pontremoli R; AMD-Annals Study Group. Kidney dysfunction and related cardiovascular risk factors among patients with type 2 diabetes. *Nephrol Dial Transplant*. 2014 Mar;29(3):657-62. doi: 10.1093/ndt/gft506. Epub 2014 Jan 6. PubMed PMID: 24398892.
36. Mannucci E, Genovese S, Monami M, Navalesi G, Dotta F, Anichini R, Romagnoli F, Gensini G. Photodynamic topical antimicrobial therapy for infected foot ulcers in patients with diabetes: a randomized, double-blind, placebo-controlled study--the D.A.N.T.E (Diabetic ulcer Antimicrobial New Topical treatment Evaluation) study. *Acta Diabetol*. 2014;51(3):435-40. doi:10.1007/s00592-013-0533-3. Epub 2013 Dec 19. PubMed PMID: 24352342.

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