

PERSONAL DETAILS

Name: Erika Vainieri
Mob. No.: +44 07762 336852
E-mail: erika.vainieri@nhs.net
Affiliation King's College Hospital, London, UK

EDUCATION AND QUALIFICATION

- CCT in Diabetes and Endocrinology
October 2023 | London Deanery
- MRCP Speciality Certificate in Endocrinology and Diabetes
July 2022 | Royal College of Physicians
- CCT in General Internal Medicine
June 2015 | University Hospital of Rome Tor Vergata
MD Thesis: "Long-term follow-up of diabetic patients after Limb Salvage procedure"
- MB BS (with honours)
July 2008 | University Hospital of Rome Tor Vergata
Thesis: "Silent myocardial ischaemia in diabetic patients with critical limb ischaemia"

WORK EXPERIENCE

- **Consultant Physician in Diabetes and General Internal Medicine**
Oct 2023 – Present | King's College Hospital, London
- **Physician in General Medicine, Endocrinology & Diabetes**
Oct 2018 – Oct 2023 | Imperial College London
- **Honorary Role in Diabetes and Diabetic Foot Medicine**
Dec 2018 – Sep 2021 | King's College Hospital, London
- **Physician in Diabetes and Diabetic Foot Medicine**
Jun 2015 – Oct 2018 | King's College Hospital, London
- **Physician in General Internal Medicine and Diabetic Foot Medicine**
Jan 2010 – Jun 2015 | University Hospital of Rome Tor Vergata

RESEARCH EXPERIENCE

Sub-investigator in Clinical Studies:

CHIP Study Ongoing

REDUCE Study Ongoing

FREMS Study Ongoing

PACE Pluristem Study (2017-2018)

Genentech Study (2017-2018)

FEENICS Study (2010)

PUBLICATIONS

Peer-reviewed journals

1. **Vainieri E**, Ahluwalia R, Slim H, Walton D, Manu C, Taori S, Wilkins J, Huang DY, Edmonds M, Rashid H, Kavarthapu V, Vas PRJ. Outcomes after emergency admission with a diabetic foot attack indicate a high rate of healing and limb salvage but increased mortality: 18-month follow-up study. *Exp Clin Endocrinol Diabetes*. 2020 Dec 22. doi:10.1055/a-1324-4606.
2. Vas PRJ, **Vainieri E**, Patel N. Pharmacological treatments for diabetic foot disease: current state and future perspectives. *Curr Pharm Des*. 2021;27(8):1080-1092. doi:10.2174/1381612826666201221114645.
3. **Vainieri E**, Vas P. Diabetic foot disease: contemporary developments in management. *Endocrinologist*. 2018 Autumn;(129):Features.
4. Ahluwalia R, **Vainieri E**, Tam J, Sait S, Sinha A, Manu CA, Reichert I, Kavarthapu V, Edmonds M, Vas P. Surgical diabetic foot debridement: improving training and practice utilizing the traffic light principle. *Int J Low Extrem Wounds*. 2019 Sep;18(3):279-286. doi:10.1177/1534734619857012.
5. Giurato L, **Vainieri E**, Meloni M, Izzo V, Ruotolo V, Fabiano S, Pampana E, Lipsky B, Gandini R, Uccioli L. Limb salvage in patients with diabetes is not a temporary solution but a life-changing procedure. *Diabetes Care*. 2015 Oct;38(10):e156-e157. doi:10.2337/dc15-1039.
6. Meloni M, Izzo V, **Vainieri E**, Giurato L, Ruotolo V, Uccioli L. Management of negative pressure wound therapy in the treatment of diabetic foot ulcers. *World J Orthop*. 2015 May 18;6(4):387-393. doi:10.5312/wjo.v6.i4.387.
7. Uccioli L, Izzo V, Meloni M, **Vainieri E**, Ruotolo V, Giurato L. Non-healing foot ulcers in diabetic patients: general and local interfering conditions and management options with advanced wound dressings. *J Wound Care*. 2015 Apr;24 Suppl 4b:S35-S42. doi:10.12968/jowc.2015.24.Sup4b.S35.
8. Izzo V, Meloni M, **Vainieri E**, Giurato L, Ruotolo V, Uccioli L. High matrix metalloproteinase levels are associated with dermal graft failure in diabetic foot ulcers. *Int J Low Extrem Wounds*. 2014 Sep;13(3):191-196. doi:10.1177/1534734614549412.
9. Uccioli L, Meloni M, Giurato L, Ruotolo V, Izzo V, **Vainieri E**, Gandini R, Pampana E. Emergency in diabetic foot. *Emerg Med*. 2013;3:160. doi:10.4172/2165-7548.1000160.

10. Menghini R, Uccioli L, **Vainieri E**, Pecchioli C, Casagrande V, Stoehr R, Cardellini M, Porzio O, Rizza S, Federici M. Expression of tissue inhibitor of metalloproteinase 3 is reduced in ischemic but not neuropathic ulcers from patients with type 2 diabetes mellitus. *Acta Diabetol.* 2013 Dec;50(6):907-910. doi:10.1007/s00592-013-0463-6.
 11. Uccioli L, Gandini R, Giurato L, Fabiano S, Pampana E, Spallone V, **Vainieri E**, Simonetti G. Long-term outcomes of diabetic patients with critical limb ischemia followed in a tertiary referral diabetic foot clinic. *Diabetes Care.* 2010 May;33(5):977-982. doi:10.2337/dc09-2235.
 12. Uccioli L, Sinistro A, Almerighi C, Ciaprinì C, Cavazza A, Giurato L, Ruotolo V, Spasaro F, **Vainieri E**, Rocchi G, Bergamini A. Proinflammatory modulation of the surface and cytokine phenotype of monocytes in patients with acute Charcot foot. *Diabetes Care.* 2010 Feb;33(2):350-355. doi:10.2337/dc09-1501.
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Conference abstracts

1. Tremlett J, Casey J, Pendry E, **Vainieri E**, Vas P, Manu C, Edmonds M. Factors contributing to increased hospital length of stay for diabetic foot patients. *15th Scientific Meeting of the DFSG*; 2018; Berlin, Germany.
2. Capria A, De Nardo D, Kroegler B, Guarino M, Milana I, **Vainieri E**, Perricone R. Adalimumab corrects long-term endothelial dysfunction in rheumatoid arthritis. *Clin Exp Rheumatol.* 2011;29(1):165. Presented at CORA; Florence, Italy.
3. Capria A, De Nardo D, De Mattia M, Greco E, Milana I, **Vainieri E**, Perricone R. An impaired endothelial dependent and independent vasodilation characterizes the myo-endothelial dysfunction in systemic sclerosis patients. *Clin Exp Rheumatol.* 2011;29(1):182. Presented at CORA; Florence, Italy.
4. Capria A, De Nardo I, Chimenti M, **Vainieri E**, Milana I, Perricone R. The role of anti-TNF-alpha effects on endothelial dysfunction in psoriatic arthritis. *Clin Exp Rheumatol.* 2011;29(1):208. Presented at CORA; Florence, Italy.
5. De Nardo D, Capria A, Greco E, Iacovone G, De Mattia M, **Vainieri E**, et al. Scleroderma heart involvement: non-invasive assessment of pathophysiological mechanism and its effect on prognosis. *Clin Exp Rheumatol.* 2011;29(1):181. Presented at CORA; Florence, Italy.
6. Spasaro F, Giurato L, Ruotolo V, **Vainieri E**, Meloni M, Uccioli L. End-stage renal disease in diabetic patients with critical limb ischemia. *IX Scientific Meeting of the DFSG*; 2010; Uppsala, Sweden.

7. Ruotolo V, Spasaro F, Hazbiu A, **Vainieri E**, Di Modugno M, Uccioli L. Healing rate and prediction of wound healing time in diabetic foot ulcers in a cohort of outpatients presenting to a tertiary care diabetic foot clinic. *VII Scientific Meeting of the DFSG*; 2008; Castelveccchio Pascoli, Italy.
 8. Uccioli L, Giurato L, Fabiano S, Ruotolo V, **Vainieri E**, Di Modugno M, Pampana E, Gandini R. Prostacyclin analogue (PGI₂) infusion is able to early differentiate successful from unsuccessful lower limb angioplasty in diabetic patients. *VII Scientific Meeting of the DFSG*; 2008; Castelveccchio Pascoli, Italy.
 9. Giacomozzi C, D'Ambrogi E, **Vainieri E**, Di Modugno M, Uccioli L. Skin hydration and tangential stress in neuropathic diabetic patients. *VII Scientific Meeting of the DFSG*; 2008; Castelveccchio Pascoli, Italy.
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Oral Presentation

Oral Presentations

1. **Vainieri E**, Vas P, Manu C, Bates M, Tremlett JF, Casey J, Pendry E, Kavarthapu V, Edmonds ME, Ahluwalia R.
Time-critical Charcot foot reconstructions can still be performed in the absence of preoperative glycaemic control when delivered by an MDT.
19th Meeting of the Diabetic Foot Study Group (DFSG); 2024; Valencia, Portugal.
 1. **Vainieri E**.
Infection in the diabetic foot.
Diabetes Professional Conference; 2022; London, UK.
 2. **Vainieri E**, Lucas J, Jemmott T, Vas P, Edmonds ME, Manu C.
Bone histology of percutaneous bone biopsy specimens identifies five distinct subtypes and provides complementary information in diabetic foot osteomyelitis.
International Symposium on the Diabetic Foot (ISDF); 22–25 May 2019; The Hague, Netherlands.
 3. **Vainieri E**, Giurato L, Ruotolo V, Meloni M, Izzo V, Gandini R, Fabiano S, Pampana E, Uccioli L.
Reduced tissue inhibitor of metalloproteinase 3 expression in ischemic but not neuropathic ulcers from patients with type 2 diabetes.
EWMA–GNEAUPP; 14–16 May 2014; Madrid, Spain.
 4. **Vainieri E**, Giurato L, Ruotolo V, Meloni M, Izzo V, Gandini R, Fabiano S, Pampana E, Uccioli L.
Reduced tissue inhibitor of metalloproteinase 3 expression in ischemic but not neuropathic ulcers from patients with type 2 diabetes.
11th Meeting of the Diabetic Foot Study Group (DFSG); 2013; Sitges, Spain.
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Poster Presentations

1. **Vainieri E**, Vas P, Manu C, Bates M, Tremlett JF, Casey J, Pendry E, Kavarthapu V, Edmonds ME, Ahluwalia R.
Time-critical Charcot foot reconstructions can still be performed in the absence of preoperative glycaemic control when delivered by an MDT.
Diabetes UK Professional Conference; 2024; England, UK.
2. **Vainieri E**, Yates R, Sahota S, Kruszcynski M, Ballingall E, Watson T, Charif R, Mehta SR.
Improving the foot care pathway for patients with diabetes on renal replacement therapy.
Diabetes UK Professional Conference; 2020; England, UK.
3. **Vainieri E**, Lucas J, Jemmott T, Vas P, Edmonds ME, Manu C.
Outcomes after admission with diabetic foot attack indicate high healing rate and amputation-free survival using a dedicated protocol: 18-month follow-up study.
International Symposium on the Diabetic Foot (ISDF); 2019; The Hague, Netherlands.
4. **Vainieri E**, Amin A, Eden T, Ding A, Pogorzelski M, Ballingall E, Naqvi A, Schnatterbeck P, Mehta S.
An unusual cause of diabetic foot sepsis.
Diabetes UK Professional Conference; 2019; Liverpool, UK.
5. **Vainieri E**, Lucas J, Jemmott T, Vas P, Edmonds M, Manu C.
The associated mortality on presentation with an acute Charcot foot.
15th Scientific Meeting of the Diabetic Foot Study Group (DFSG); 2018; Berlin, Germany.
6. **Vainieri E**, Vas P, Manu C, Bates M, Tremlett JF, Casey J, Pendry E, Kavarthapu V, Edmonds ME, Ahluwalia R.
Outcomes and cost analysis following the development of the acute multidisciplinary pathway to manage the severe foot attack.
Diabetes UK Professional Conference; 14–18 March 2018; London, UK.
7. **Vainieri E**, Giurato L, Ruotolo V, Meloni M, Izzo V, Gandini R, Fabiano S, Pampana E, Uccioli L.
Limb salvage in diabetic patients—is it a temporary solution or a life-changing procedure?
12th Scientific Meeting of the DFSG; 2014; Bratislava, Slovakia.
8. **Vainieri E**, Giurato L, Ruotolo V, Spasaro F, Meloni M, Uccioli L.
Outcomes in diabetic patients with critical limb ischemia: role for statin therapy.
9th Scientific Meeting of the DFSG; 17–19 September 2010; Uppsala, Sweden.

Awards and Prizes

- "Galassi" Prize-DEM Foundation – Grant for best thesis dissertation- *Italy 2009*
- First prize for poster abstract presentation -*12th Scientific Meeting of the DFSG Diabetic Foot Study Group, Bratislava, 12-14 September 2014*

