



Dr Christine Whisstock

Highly experienced consultant surgery physician, diabetologist and endocrinologist, specialised in the treatment of diabetes and of the diabetic foot.

PhD in hypertension and prevention of cardiovascular risk.

Head of the Diabetic Foot Unit of the Abano Terme Polyclinic (Padua, Italy).

CURRICULUM VITAE

PERSONAL DETAILS

NAME	Dr Christine Whisstock
DATE OF BIRTH	09.09.1976
NATIONALITY	Italian and English
LANGUAGES	Bilingual: English and Italian
TELEPHONE	0039 351 6400908 (Voicemail / WhatsApp)
CONTACT FORM	www.christinewhisstock.it/en/contact
WEBSITE	www.christinewhisstock.it/en/
PROFESSIONAL REGISTRATION	Member (number 10469) of the Order of Medical Practitioners in Padua (Italy), 15 th September 2009.
MEDICAL SPECIALITY	Endocrinology and Metabolic Diseases.
PHD	Hypertension and prevention of cardiovascular risk.

EDUCATION AND TRAINING

- 1995 • Obtained my **Classical High School Diploma** at the Bartolomeo Zucchi school in Monza (Italy) in July 1995.
- 2001 • **Graduated with honours in Medicine and Surgery** at the Milano-

Bicocca University (Milan, Italy) on 23rd October 2001, discussing an experimental thesis entitled: "The acute increase in plasma triglycerides reduces flow-mediated vasodilation in type IV dyslipidemia" (original title: L'incremento acuto dei trigliceridi plasmatici riduce la vasodilatazione flusso mediata nella dislipidemia di tipo IV) supervisor Prof Giuseppe Mancia, co-supervisor Professor Cristina Giannattasio.

- 2002 • **Obtained authorisation – licensing – to practise** in June 2002 at Milano-Bicocca University (Milan, Italy).
- 2006 • **MSc – specialised in Endocrinology and Metabolic Diseases** with 70/70 cum laude at Milano-Bicocca University (Milan, Italy) on 17th November 2006, discussing the thesis entitled "Correlation between blood sugar and arterial distensibility values measured in 24 hours in patients with uncomplicated type 1 diabetes mellitus" (original title: Correlazione tra i valori di glicemia e distensibilità arteriosa misurati nelle 24 ore in pazienti con diabete mellito tipo 1 non complicati), supervisor Prof. Alberto Ferrari, co-supervisor Prof. Cristina Giannattasio.
- 2009 • Completed a **three-year PhD in "Hypertension and prevention of cardiovascular risk"** at Milano-Bicocca University (Milan, Italy) in December 2009, discussing the thesis entitled "Arterial distensibility in patients with sleep disorders" (original title: Distensibilità arteriosa in pazienti con disturbi del sonno), supervisor Prof. Giuseppe Mancia, co-supervisor Prof. Cristina Giannattasio.

UNIVERSITY RESEARCH ACTIVITIES

- 2000 – 2009 • From 2000 to 2009 I collaborated in the **research activity carried out in the laboratories directed by prof. Giuseppe Mancia** at the Medical Clinic of San Gerardo Hospital in Monza (Italy) and at Milano-Bicocca University (Milan, Italy), participating in various study protocols (including the ADVANCE study) concerning clinical research in the field of arterial hypertension, heart failure, diabetes mellitus, conditions characterized by marked activity of the sympathetic nervous system and the action of new drugs in the cardiovascular field.

PROFESSIONAL EXPERIENCE

- 2006 – 2009 • From 2006 to 2009, while studying for my PhD, I **worked as a Specialty Doctor in the endocrinology, diabetic and metabolic clinic** of San Gerardo dei Tintori General Hospital in Monza. I also worked in the Monza area periodically substituting temporarily absent General Practitioners.
- 2010 – 2015 • In March 2010 I **was appointed as Speciality Doctor** in the **Diabetic Foot Unit** of the Abano Terme Polyclinic (Padua, Italy) in the ward, the outpatient clinic and the operating theatre.
- 2010 • I started **private practice** in the Abano Terme Polyclinic (Padua, Italy) covering the **Endocrinology, Diabetology and the Diabetic Foot**.
- 2015 – 2022 • On 1th October 2015 I gained the position of **Specialist Doctor** in the Diabetic Foot Unit of the Abano Terme Polyclinic (Padua, Italy).
- 2020 – {to date} • In private practice, I have been working in the **Endocrinology** field (thyroid diseases, menstrual cycle disorders, acne, obesity, hirsutism, polycystic ovary syndrome, osteoporosis, hyper–hypoparathyroidism, hyperprolactinaemia, adrenal gland diseases, secondary hypertension), **Diabetology** with early individualisation of the related cardiovascular risk and its complications, and the **Diabetic Foot, all at the following facilities:**
- Abano Terme Polyclinic (Padua, Italy)
 - Diaz Private clinic (Padua, Italy)
 - Diagnostica Riviera Pavanello clinic, Ponte di Brenta (Padua, Italy)
 - Diagnostica Riviera Pavanello clinic, Mira (Venice, Italy)
 - Affidea Uni X Poliambulatorio clinic, Piove di Sacco (Padua, Italy)
 - Affidea Delta Medica clinic, Piove di Sacco (Padua, Italy)
- and in **Telemedicine through Video-Consultation**.
- 2023 • In January 2023 I was appointed **Head – Consultant Doctor – of the Diabetic Foot Unit** of the Abano Terme Polyclinic (Padua, Italy).

**PERSONAL SKILLS AND
COMPETENCE**

I have personally performed **over 1,400 surgical diabetic foot interventions** and **more than 40,000 outpatient visits**; I have taken part in numerous congresses, of which many as speaker, and participated in many refresher courses.

I am author and co-author of **many abstracts presented as posters or via oral communications in national and international meetings** and of several articles published in national and international papers.

I have taken part in **various research projects**, one of the most famous being the ADVANCE study.

SCIENTIFIC PUBLICATIONS

- 2001 • {1} Book of abstracts of the 11th European Meeting on Hypertension (Milan, 15–19 June 2001).
"Reduction of pulmonary pressure values after alprostadil administration (prostaglandin PGE1) in sclerodermic patients."
Authors: S. Carugo, I. Calchera, M.G. Gorgoglione, N. Grieco, M.R. Pozzi, A. Farina, E. Allevi, C. Addamiano, C. Whisstock, M. Amigoni, C. Giannattasio, G. Mancia.
- 2002 • {2} Book of abstracts of the 19th Congresso Nazionale della Società Italiana di Ipertensione Arteriosa (Bologna, 24–27 September 2002).
"Progressivo irrigidimento dell'arteria radiale per reinnervazione dopo trapianto di mano (Progressive stiffness of the radial artery concerning reinnervation after a hand transplant)."
Authors: M. Failla, C. Giannattasio, M. Lanzetta, S. Lucchina, C. Whisstock, E. Meles, L. Boffi, S. Maestroni, G. Vitale, G. Mancia.

{3} Book of abstracts of the 19th Congresso Nazionale della Società Italiana di Ipertensione Arteriosa (Bologna, 24–27 September 2002).
"Spessore di parete e funzione arteriosa nel diabete mellito tipo 1 e tipo 2 (Arterial thickness and function in type 1 diabetes)."
Authors: C. Giannattasio, C. Whisstock, G. Gentile, P. Gamba, M. Failla, F. Paleari, D. Corsi, E. Fantini, S. Maestroni, G. Mancia.

{4} Book of abstracts of the 8th Congresso interassociativo regionale AMD-SID (Varese, 24–26 October 2002).
"Alterazioni strutturali e funzionali dell'arteria radiale nel diabete mellito tipo 1 e tipo 2 (Structural and functional alterations of the radial artery in type 1 and type 2 diabetes)."
Authors: C. Whisstock, P. Galli, F. Paleari, P. Gamba, G. Gentile, M. Failla, V. Vilei, C. Giannattasio, G. Mancia.
- 2003 • {5} Book of abstracts 20th Congresso Nazionale della Società Italiana di Ipertensione Arteriosa (Rome, 14–17 October 2003).
"La funzione endoteliale influenza la rigidità delle arterie nei pazienti con ipertensione essenziale (The endothelial function influences arterial stiffness in patients with hypertension)."
Authors: Corsi D., Giannattasio C., Failla M., Fantini E., Maestroni S., Boffi L., Capra A., Amigoni M., Scotti V., Whisstock C., Mancia G..

{6} Book of abstracts of the 20th Congresso Nazionale della Società Italiana di Ipertensione Arteriosa (Rome, 14–17 October 2003).

"Distensibilità arteriosa e vasodilatazione flusso mediata nella sclerosi sistemica: effetti del trattamento con PGI2 (Arterial distensibility and blood flow dilation in systemic sclerosis: effects of treatment with PGI2)."

Authors: G. Gentile, C. Giannattasio, M. Failla, M. Pozzi, M. Gardinali, E. Meles, C. Zazzeron, M. Amigoni, C. Whisstock, A. Capra, G. Mancia.

{7} Book of abstracts of the 20th Congresso Nazionale della Società Italiana di Ipertensione Arteriosa (Rome, 14–17 October 2003).

"Impatto della pressione ambulatoria delle 24 ore sulla distensibilità carotidea e la velocità dell'onda di polso in una popolazione generale (Impact of 24-h blood pressure on carotid distensibility and pulse wave velocity in a general population)."

Authors: Boffi L., Giannattasio C., Corsi D., Failla M., Gentile G., Fantini E., Whisstock C., Facchetti R., Beltrame L., Bombelli M., Ortiz U., Sega R., Mancia G..

{8} Book of abstracts of the 64th Congresso Nazionale della Società Italiana di Cardiologia (Rome, 6–10 December 2003).

"Influenza della funzione endoteliale sulla rigidità delle arterie nei pazienti con ipertensione essenziale (Influence of the endothelial function on arterial rigidity in patients with hypertension)."

Authors: Davide Corsi, Cristina Giannattasio, Monica Failla, Elena Fantini, Silvia Maestrini, Lucia Boffi, Anna Capra, Maria Amigoni, Christine Whisstock, Giuseppe Mancia.

{9} Book of abstracts of the 64th Congresso Nazionale della Società Italiana di Cardiologia (Rome, 6–10 December 2003).

"Influenza della pressione ambulatoria delle 24 ore sulla velocità dell'onda di polso: studio di una popolazione generale (Influence of 24 h blood pressure on pulse wave velocity)."

Authors: Lucia Boffi, Cristina Giannattasio, Davide Corsi, Monica Failla, Gaetano Gentile, Elena Fantini, Christine Whisstock, Rita Facchetti, Luca Beltrame, Michele Bombelli, Ugo Ortiz, Roberto Sega, Giuseppe Mancia.

2007 • {10} Book of abstracts of the 24th European Meeting on Hypertension (Milan, 15–19 June 2007).

"Alterations in cardiac structure in non diabetic offsprings of diabetic patients."

Authors: A. Capra, V. Scotti, M. Amigoni, F. Paleari, G. Gamba, C. Whisstock, E. Montemerlo, G. Grosso, C. Giannattasio, G. Mancia.

{11} Book of abstracts of the 24th European Meeting on Hypertension (Milan, 15–19 June 2007).

"Study on 24hour glycaemia variability and arterial structure and function in type 1 diabetic patients."

Authors: C. Whisstock, M. Alloni, A. Cafro, M. Failla, E. Scanziani, M. Galbiati, F. Paleari, P. Gamba, M. Rigoldi, C. Giannattasio, M. Mancia.

{12} Book of abstracts of the 24th European Meeting on Hypertension (Milan, 15–19 June 2007).

"Effect of 2 years treatment with quinapril on carotid intima media in type 1 diabetes mellitus ."

Authors: C. Whisstock, L. Viscardi, F. Bianchi, M. Galbiati, A. Capra, P. Gamba, F. Paleari, C. Giannattasio, M. Mancia.

{13} Book of abstracts of the 24th Congresso Nazionale della Società Italiana di Ipertensione Arteriosa (Rome, 4–7 October 2007).

"Relazione tra variabilità della glicemia nelle 24 ore e struttura e funzione delle arterie nel diabete mellito tipo 1 (Correlation between glycaemic variability in 24 hours and structure and function of arteries in type 1 diabetes)."

Authors: C. Whisstock, M. Alloni, A. Cafro, M. Failla, E. Scanziani, M. Galbiati, F. Paleari, P. Gamba, M. Rigoldi, C. Giannattasio, M. Mancia.

{14} Book of abstracts of the 24th Congresso Nazionale della Società Italiana di Ipertensione Arteriosa (Rome, 4–7 October 2007).

"Effetti di 2 anni di trattamento con quinapril sullo spessore miointimale carotideo in pazienti con diabete mellito tipo 1 (Effects of a two year treatment with quinapril on intima media thickness of the carotid artery in type 1 patients)."

Authors: C. Whisstock, L. Viscardi, F. Bianchi, M. Galbiati, A. Capra, P. Gamba, F. Paleari, C. Giannattasio, M. Mancia.

{15} Book of abstracts of the 24th Congresso Nazionale della Società Italiana di Ipertensione Arteriosa (Rome, 4–7 October 2007).

"Alterazioni strutturali cardiache in figli sani di genitori diabetici (Structural heart alterations in offspring of diabetic parents)."

Authors: A. Capra, V. Scotti, M. Amigoni, F. Paleari, G. Gamba, C. Whisstock, E. Montemerlo, G. Grosso, C. Giannattasio, G. Mancia.

{16} Book of abstracts of the 16th Congresso Nazionale AMD (Sorrento, 21–24 November 2007).

**"Alterazioni strutturali e funzionali cardiache in figli sani di genitori diabetici
(Structural and functional heart alterations in offspring of diabetic parents)."**

Authors: Vilei V., Scaranna C., Capra A., Scotti V., Bernardo S., Paleari F., Gamba P., Whisstock C., Giannattasio C., Mancia G..

- {17} Book of abstracts of the 16th Congresso Nazionale AMD (Sorrento, 21–24 November 2007).

"Effetti di due anni di trattamento con quinapril sullo spessore mio-intimale carotideo in pazienti con diabete mellito tipo 1 (Effects of a two year treatment with quinapril on intima media thickness of the carotid artery in type 1 patients)."

Authors: Vilei V., Scaranna C., Whisstock C., Capra A., Paleari F., Gamba P., Giannattasio C., Mancia G..

- {18} Lancet 2007; 370: 829–40.

"Effetti dell'associazione fissa di perindopril e indapamide sugli outcome macrovascolari e microvascolari in pazienti con diabete mellito di tipo 2 (lo studio ADVANCE): uno studio randomizzato controllato (Effects of a fixed combination of perindopril and indapamide on macrovascular and microvascular outcomes in patients with type 2 diabetes mellitus -the ADVANCE trial-: a randomised controlled trial)."

Authors: ADVANCE Collaborative Group: (Italia: P. Galli, G. Mancia, F. Paleari, V. Vilei, C. Whisstock).

- 2008 ● {19} Hypertension, 2008; 51:1–2.

"Increased arterial stiffness in normoglycemic normotensive offspring of type 2 diabetic parents."

Authors: Cristina Giannattasio, Monica Failla, Anna Capra, Elisabetta Scanzani, Maria Amigoni, Lucia Boffi, Christine Whisstock, Pierluigi Gamba, Felice Paleari, Giuseppe Mancia.

- {20} Book of abstracts of the Congresso Nazionale DEI duemila (Villasimius, 8–10 May 2008).

"Efficacia terapeutica di Humalog Mix 50 ter in die versus terapia ottimizzata con insulin umane (3 rapide + 1 intermedia) in pazienti affetti da DM tipo 2 (Therapeutic efficacy of Humalog mix 50 three times a day versus optimised therapy with rapid and intermediate human insulin in patients affected by DM type 2)."

Authors: Christine Whisstock, Barbara Angeloni, Felice Paleari.

- {21} N Engl J Med. 2008 Jun 12;358(24):2560–72. doi: 10.1056/NEJMoa0802987. Epub 2008 Jun 6.
“Intensive blood glucose control and vascular outcomes in patients with type 2 diabetes.”
Authors: ADVANCE Collaborative Group, (Italia: P. Galli, G. Mancia, F. Paleari, V. Vilei, C. Whisstock.
- 2010 • {22} Book of abstracts of the 9th Congresso Nazionale AIUC (Catania, 15–18 September 2010).
“Efficacia del sostituto dermico Integra nel salvataggio dell'appoggio plantare in amputazioni aperte dell'avampiede nel soggetto diabetico (Efficacy of dermal substitute Integra in limb salvage in open forefoot amputations in diabetic patients.”
Authors: S. Sorgentone, S. Ninkovic, M.G Marin, N. Ojeda, B. Mimor, B. Calore, F. Ometto, C. Whisstock , E. Brocco.
- {23} Book of abstracts of the 9th meeting of the Diabetic Foot Study Group of the EASD (Uppsala, 17–19 September 2010).
“Surgically induced Charcot's neuroarthropathy following single ray amputation in the diabetic foot.”
Authors: E. Brocco, B. Mimor, S. Ninkovic, M.G Marin, F. Ometto, B. Calore, N. Ojeda, M. Manzi, S. Sorgentone, Whisstock C.
- 2011 • {24} Il giornale di AMD, 2011; 14:103–107 and book of abstracts of the 23th Congresso Nazionale AMD (Rossano Calabro, 25–28 May 2011).
“Caratteristiche cognitive e psicologiche del paziente diabetico complesso (Psychological and cognitive characteristics of diabetic patients.”
Authors: Marseglia A., Brocco E., Marin M., Limongi F., Whisstock C., Noale M., Maggi S.
- 2012 • {25} Book of abstracts of the 9th International Congress of the European Foot and Ankle Society (Noordwijk, 6–8 September 2012).
“Reconstruction of the elderly diabetic foot.”
Authors: A. Volpe, C. Whisstock, E. Brocco.
- {26} Book of abstracts of the 10th Meeting of the Diabetic Foot Study Group of the EASD (Berlin, 28–30 September 2012).
“Three-steps surgical intervention for calcaneal osteomyelitis: a useful tool to prevent limb amputations.”
Authors: Enrico Brocco, Sasa Ninkovic, Mariagrazia Marin, Christine Whisstock, Filippo

Ometto, Nelson Ojeda.

{27} Book of abstracts of the Congresso nazionale gruppo di studio piede diabetico (Rome, 30 November–1 December 2012).

"Approccio chirurgico in tre steps nella osteomielite di calcagno: un utile presidio per prevenire l'amputazione di gamba (Three step surgery in calcaneal osteomyelitis: a useful method of avoiding leg amputation)."

Authors: Brocco E., Ninkovic S., Marin M.G, Whisstock C., Ometto F., Sorgentone S., Calore B., Ojeda N..

{28} Book of abstracts of the Congresso nazionale gruppo di studio piede diabetico (Rome, 30 November–1 December 2012).

"Applicazione di sostituti dermici in pazienti diabetici sottoposti ad amputazioni aperte: studio di una coorte di 229 pazienti (Application of dermal substitutes in diabetic patients with open amputations: a cohort study of 229 patients)."

Authors: Pinfi M., Silvestri D., La Rocca V., Macchi B., Solidoro M., Badan O., Ninkovic S., Whisstock C., Marin M.G, Ometto F., Brocco E..

{29} Book of abstracts of the Congresso nazionale gruppo di studio piede diabetico (Rome, 30 November–1 December 2012).

"Monitoraggio podologico di pazienti portatori di sostituto dermico (Podological monitoring of patients with dermal substitutes)."

Authors: Pinfi M., Silvestri D., La Rocca V., Macchi B., Solidoro M., Badan O., Marin M.G, Whisstock C., Ninkovic S., Ometto F., Brocco E..

{30} Book of abstracts of the Congresso nazionale gruppo di studio piede diabetico (Rome, 30 November–1 December 2012).

"L'utilizzo della medicazione avanzata Tenderwt Active® in corso di trattamento di ulcere necrotiche in pazienti con piede diabetico (Use of Tenderwet medication during treatment of necrotic ulcers in patients with diabetic foot)."

Authors: Marin M.G., Ometto F., Whisstock C., Ninkovic S., Brocco E..

2013 ● {31} Book of abstracts of the 11th Meeting of the Diabetic Foot Study Group of the EASD (Sitges, 20–22 September 2013).

"Limb salvage with hibrid external/internal fixator in Charcot extreme deformities: ten years follow-up."

Authors: Enrico Brocco, Sasa Ninkovic, Mariagrazia Marin, Christine Whisstock, Andrea Postorino, Andrea Valcarenghi, Filippo Ometto, Davide Varotto, Antonio

- Volpe.
- 2014 • {32} J Diabetes Complications. 2014 Nov-Dec;28(6):863–8. Doi: 10.1016 / j.jdiacomp. 2014.07.005. Epub 2014 Jul 15.
“Cognitive functioning among patients with diabetic foot.”
 Authors: Marseglia A, Xu W, Rizzato D, Ferrari C, Whisstock C, Brocco E, Fratiglioni L, Crepaldi G, Maggi S..
- 2015 • {33} Book of abstracts of the 5th Annual Oxford Bone Infection Conference (Oxford, 26–27 March 2015).
 Book of abstracts of the 34th Annual Meeting of the European Bone and Joint Infection Society (Estoril, 10–12 September 2015).
 Published in Orthopaedic Proceedings, Vol. 97-B, N. Supp_15.
“Use of a new antibiotic bone substitute to induce healing of osteomyelitis in the diabetic foot.”
 Authors: Christine Whisstock, Sasa Ninkovich, Mariagrazia Marin, Giuseppe Scavone, Marino Bruseghin, Giuliana Di Paolantonio, Marco Manzi, Antonio Volpe, Enrico Brocco.
- 2016 • {34} Book of abstracts of the 26th Congresso nazionale SID (Rimini, 4–7 May 2016).
“Ospedalizzazione per il piede di Charcot nei pazienti diabetici: dati nazionali (Hospitalisation for the Charcot foot in diabetics).”
 Authors: R. Anichini, F Lombardo, A. De Bellis, A. Tedeschi, S. Viti, C.Whisstock, M.Manzi, E.Brocco, G. Seghieri M. Maggini.
- 2017 • {35} Book of abstracts of the 13th Scientific Meeting of the Diabetic Foot Study Group of the EASD (Stuttgart, 9–11 September 2017).
“Use of a new antibiotic bone substitute to induce healing of osteomyelitis in the diabetic foot.”
 Authors: Christine Whisstock, Sasa Ninkovic, Mariagrazia Marin, Marino Bruseghin, Antonio Volpe, Marco Manzi, Luis Mariano Palena, Enrico Brocco.
{36} Book of abstracts of the 14th Scientific Meeting of the Diabetic Foot Study Group of the EASD (Porto, 8–9 September 2017).
“The use of Sodic-Salt DNA fragments in the progression of wounds healing in diabetic foot: a case control study.”
 Authors: Mariagrazia Marin, Sasa Ninkovic, Christine Whisstock, Marino Bruseghin, Giovanni Boschetti, Marco Manzi, Mariano Palena, Michela Pinfi, Deborah Silvestri, Valentina La Rocca, Beatrice Macchi, Antonio Volpe, Enrico Brocco.

- {37} Book of abstracts of the 14th Scientific Meeting of the Diabetic Foot Study Group of the EASD (Porto, 8–9 September 2017).
 Published in Orthopaedic Proceedings, Vol. 98-B, N. Supp_23.
"A calcium sulphate/hydroxyapatite bone graft substitute eluting gentamicin in the treatment of diabetic foot osteomyelitis: a mid-term follow-up."
 Authors: Christine Whisstock, Mariagrazia Marin, Marino Bruseghin, Sasa Ninkovic, Giovanni Boschetti, Antonio Volpe, Enrico Brocco.
- 2018 ● {38} Book of abstracts of the Joint 4th ADFS annual Conference and King's Charcot Foot Reconstruction Symposium (London, 28–29 June 2018).
 Book of abstracts of the 37th annual meeting of the European Bone and Joint Infection Society (Helsinki, 6–8 September 2018).
 Book of abstracts of the 15th Scientific Meeting of the Diabetic Foot Study Group of the EASD (Berlin, 28–30 September 2018).
 Published in Orthopaedic Proceedings, Vol. 100-B, N. Supp_17.
"Radiological and clinical outcomes in the medium-term of the use of an antibiotic bone substitute in the diabetic foot."
 Authors: Christine Whisstock, Mariagrazia Marin, Sasa Ninkovic, Marino Bruseghin, Giovanni Boschetti, Raffaella Viti, Enrico Brocco.
- {39} Book of abstracts of the 15th Scientific Meeting of the Diabetic Foot Study Group of the EASD (Berlin, 28–30 September 2018).
"Maximizing compliance to mid-term offloading in outpatients with recurrent diabetic foot ulcers: tollerability and efficacy of orthotic insoles."
 Authors: Giovanni Boschetti, Marino Bruseghin, Christine Whisstock, Mariagrazia Marin, Valentina La Rocca, Deborah Silvestri, Beatrice Macchi, Massimo Solidoro, Sasa Ninkovic, Enrico Brocco.
- {40} J Cardiovasc Surg (Torino). 2018 Oct;59(5):670–684. doi: 10.23736/S0021-9509.18.10606-9. Epub 2018 May 29. Review.
"Diabetic foot management: multidisciplinary approach for advanced lesion rescue."
 Authors: Brocco E, Ninkovic S, Marin M, Whisstock C, Bruseghin M, Boschetti G, Viti R, Forlini W, Volpe A.
- 2019 ● {41} Book of abstracts of the EWMA (Cracovia, 9–11 May 2018).
 Published in The Diabetic Foot Journal, Vol 22 N. 4 2019, pag. 12–16.
"The use of Sodic-Salt DNA fragments in the progression of wounds healing in diabetic foot: a case control study."

Authors: G. Boschetti, M. Marin, S. Ninkovic, C. Whisstock, R. Anichini, M. Bruseghin, M. Manzi, M. Meloni, A. Volpe, M. Pinfi, D. Silvestri, V. La Rocca, B. Macchi, E. Brocco.

- 2020 ● {42} Book of abstracts of the 16th Scientific Meeting of the Diabetic Foot Study Group of the EASD (Virtual meeting 18–19 September 2020).

"Epidemiological survey of antimicrobial resistances in diabetic foot ulcers."

Authors: Giovanni Boschetti, Marino Bruseghin, Maria Grazia Marin, Sasa Ninkovic, Christine Whisstock, Michela Pinfi, Raffaele Corte, Massimo Solidoro, Enrico Brocco.

- {43} J Clin Med. 2020 Nov; 9(11): 3586.

"Multidisciplinary Approach for the Management and Treatment of Diabetic Foot Infections with a Resorbable, Gentamicin-Loaded Bone Graft Substitute."

Authors: Christine Whisstock, Antonio Volpe, Sasa Ninkovic, Mariagrazia Marin, Marco Meloni, Marino Bruseghin, Giovanni Boschetti and Enrico Brocco.

- 2021 ● {44} Antibiotics 2021, 10, 124.

"Antimicrobial Resistance Patterns in Diabetic Foot Infections, an Epidemiological Study in Northeastern Italy."

Authors: Giovanni Boschetti, Dino Sgarabotto, Marco Meloni, Marino Bruseghin, Christine Whisstock, Mariagrazia Marin, Sasa Ninkovic, Michela Pinfi and Enrico Brocco.

COURSES AND CONGRESSES

- 1997 {1} Course on "Biochemistry of membrane transport" (Milan, 6 May 1997).
- 2001 {2} Eleventh European Meeting on Hypertension (Milan, 15–19 June 2001).
 {3} Meeting on hypertension and cardiovascular disease (Monza, 8 November 2001).
- 2002 {4} SID-AMD Meeting: prevention of diabetes, reality and outlook (Segrate, 16 March 2002).
 {5} The Steno Course "Practical diabetology" (Catania, 26–28 September 2002).
 {6} Interassociative AMD-SID congress (Varese, 24–26 October 2002) **oral abstract presentation.**
- 2003 {7} Theoretical and practical course on the diabetic foot (Milan, 28–29 March 2003).
- 2004 {8} ESH advanced course on hypertension (Courmayeur, 21–28 March 2004).
- 2005 {9} SIO course: "Focus on obesity drug therapy" (Milan, 18 February 2005).
 {10} IV national congress on diabetes and obesity (Milan, 24 March 2005).
 {11} Top Seminar: "hypertension and risk factors" (Regello, 28–29 April 2005).
 {12} Organisation of team work for patients with high risk factors (Rome, 8–9 July 2005).
- 2006 {13} The small thyroid nodule (Milan, 21 January 2006).
 {14} Good glycaemic control and insulin treatment in type 2 diabetes (Catania, 10–11 March 2006).
 {15} 5th national congress on diabetes and obesity (Milan, 23 March 2006).
- 2007 {16} Prevention of cardiovascular risk (Bergamo, 15–16 June 2007).
 {17} SID congress on diabetes (Riccione, 7–10 October 2007).
 {18} XVI national congress of the association of diabetologists (Sorrento, 21–24 November 2007).
- 2008 {19} XIII world congress of gynaecological endocrinology (Florence, 28 February–2 March 2008).
 {20} VI national congress on diabetes and obesity (Milan, 20 March 2008).
 {21} National congress DEI 2000 IX edition (Villa Simius, 8–10 May 2008) **oral abstract presentation.**
 {22} XXII national SID congress (Turin, 26–29 May 2008).

- {23} Ischaemic heart disease and heart failure (Varese, 20–21 June 2008).
 - {24} EASD 2008 44th annual meeting (European Association for the Study of Diabetes) (Rome, 7–11 September 2008).
 - {25} CODHy 2nd World Congress on Controversies to Consensus in Diabetes, Obesity and Hypertension (Barcellona, 30 October–2 November 2008).
 - {26} **Trainer for a total of 7 days** in the programme of the diabetological unit of San Gerardo Hospital in Monza and the University of Milan–Bicocca: the management of patients with type 2 diabetes by the GP (Monza 28 February–12 December 2009).
- 2009 • {27} VII national congress SICOA (Ischia, 19–22 April 2009).
- {28} National congress DEI 2000 X edition: therapeutic success in the use of exenatide on glycaemia and the reduction of weight in type 2 diabetic patients inadequately controlled by oral antidiabetic drugs. (Badesi, 14–16 May 2009) **oral abstract presentation.**
 - {29} TBM – Tutoring Based medicine – diabetic foot: diagnostic and therapeutic path (Milan, 25–27 May 2009).
 - {30} XVII national congress of the association of diabetologists (Rimini, 27–30 May 2009).
- {31} **Trainer for a total of 7 days** in the programme of the diabetological unit of San Gerardo Hospital in Monza and the University of Milan–Bicocca: the management of patients with type 2 diabetes by the GP (Monza 28 February–12 December 2009).
- 2010 • {32} The diabetic foot: a multidisciplinary disease (Vicenza, 20 November 2010).
- {33} Update course in angiology for diabetologists (Milan, 2–3–4 December 2010).
- 2011 • {34} 13^o Course on the management of lower limb complications in diabetes mellitus (Pisa, 4–6 April 2011).
- {35} 8th national congress of the Association of Diabetologists (Rossano Calabro, 25–28 May 2011) **oral abstract presentation.**
 - {36} The management of insulin therapy in the hospital (Padua, 21 October 2011).
- 2012 • {37} BLSD – Basic Life Support Defibrillation (Abano T., 23 April 2012).
- {38} National meeting of the diabetic foot study group (Rome, 30 November–1 December 2012).
 - {39} 1st meeting of the venetian schools of diabetology (Arcugnano, 12 December 2012).
- 2013 • {40} Ischaemic diabetic foot (Castelnuovo del Garda, 15 March 2013).

- {41} Orthopaedical aspects of the diabetic foot (Abano T., 5 April 2013).
- {42} Beyond glycaemic control: diabetologist and cardiologist together in the prevention of cardiovascular risk in the patients with type two diabetes (Bologna, 23 November 2013).
- {43} Potentialities and limits of anti-diabetic therapy and cardiovascular prevention in type two diabetic patients (Lecce, 5–6 December 2013).
- 2014 • {44} Diagnosis and treatment of thyropathies (Padua, 25 January 2014).
- {45} Osteomielitis in diabetic foot: medical and surgical treatments (Florence, 11–12 April 2014).
- {46} Diagnosis and treatment of diabetic foot lesions and prevention of major amputations (Galzignano Terme, 9 May 2014).
- {47} The 12th Meeting of the Diabetic Foot Study Group Conference (Bratislava, 12–14 September 2014).
- {48} Critical lower limb ischemia (Este, 14 November 2014).
- 2015 • {49} 5th Annual Oxford Bone Infection Conference (Oxford, 26–27 March 2015) **oral abstract presentation.**
- {50} 7th International symposium on the diabetic foot (ISDF 2015) (The Hague, 20–23 May 2015).
- {51} The 34th annual meeting of the European Bone and Joint Infection Society (Estoril, Lisbon 10–12 September 2015) **oral abstract presentation.**
- {52} Charcot foot: from diagnosis to limb salvage therapy (Abano Terme, 2–3 October 2015) **guest speaker.**
- {53} The correct managing of global cardiovascular risk (Camogli, 16–17 October 2015).
- 2016 • {54} Amputation, rehabilitation and innovative treatments for patients (Padua, 30 January 2016) **guest speaker.**
- {55} Diabetic Foot Expert Panel Meeting (Pennyhill Park Hotel in Bagshot, Surrey 11–12 April 2016) **guest speaker.**
- {56} The 35th annual meeting of the European Bone and Joint Infection Society (Oxford, 1–3 September 2016) **oral abstract presentation.**
- {57} The 13th Meeting of the Diabetic Foot Study Group (Stuttgart, 9–11 September 2016) **oral abstract presentation.**
- {58} Update in endocrinology (Padua, 16 December 2016).

- {59} Neuroendocrine tumour treatment (Webinar, 2016).
 - {60} Clinical infectious disease: focus on HIV 2016 (Webinar, 2016).
 - {61} Difficulties in the management of chronic disease (Webinar, 2016).
 - {62} JACC online 2016 (Webinar, 2016).
 - {63} II DIA&INT Diabetes intelligence (Webinar, 2016).
 - {64} Diabetes Care online 2016 (Webinar, 2016).
 - {65} Diabetes mellitus in elderly patients (Webinar, 2016).
 - {66} Communication between doctor and patient (Webinar, 2016).
 - {67} Allergies and food intollerances (Webinar, 2016).
 - {68} Virus Zika infection (Webinar, 2016).
- 2017 • {69} Critical limb ischemia course focused on diabetic foot (Venice, 23-24 March 2017) **guest speaker.**
- {70} As part of the multidisciplinary team in the treatment of the diabetic foot, **trainer for a total of 100 hours of formation** (Vicenza 21 aprile 2017 – Policlinico Abano Terme from 21 April to 16 June 2017).
 - {71} The 14th Meeting of the Diabetic Foot Study Group (Porto, 8–10 September 2017) **oral abstract presentation.**
 - {72} Thyroid dysfunctions (Rovigo, 25 November 2017).
 - {73} Hypothyroidism treatment (Webinar, 2017).
 - {74} Jacc online 2017 (Webinar, 2017).
 - {75} Diabetes care online 2017 (Webinar, 2017).
- 2018 • {76} The Joint 4th ADFS Annual Conference and King's Charcot Foot Reconstruction Symposium (London, 28–29 June 2018) **first prize for poster abstract presentation.**
- {77} As part of the multidisciplinary team in the treatment of the diabetic foot, **trainer for a total of 100 hours of formation** (Rome and Abano Terme from 11 June to 25 September 2018).
 - {78} Endocrinological problems in women (Padua, 22 March 2018).
 - {79} The 37th Annual Meeting of the European Bone and Joint Infection Society – EBJS (Helsinki, 06–08 September 2018) **oral abstract presentation.**
 - {80} 15th Meeting of the Diabetic Foot Study Group of the EASD (Berlin, 28–30 September 2018) **oral abstract presentation.**

- {81} Move! Move! (original title Muoviti, Muoviti!) (Padua, 20 October 2018) **guest speaker.**
- {82} The thyroid nodule: surgery and conservative management, present and future (Monselice, 16 November 2018).
- {83} Obesity drug treatment (Webinar, 2018).
- 2019 • {84} Endocrinological problems in women (Padua, 22 March 2019).
- {85} First Netherlands roundtable conference diabetic foot osteomyelitis (Sint Michielsgestel, 4 April 2019) **guest speaker.**
- {86} New technology and clinical evidence in the treatment of diabetic foot lesions (Padua, 31 May 2019).
- {87} The good and the bad of thyroid cancer (Padua, 12 October 2019).
- {88} Erectile dysfunction and treatment with PDE5 inhibitors (Webinar, 2019).
- {89} Pharmacological and legal aspects of drug prescription (Webinar, 2019).
- 2020 • {90} BLSD – Basic Life Support Defibrillation (Padua, 20 June 2020).
- {91} 16th Scientific Meeting of the Diabetic Foot Study Group of the EASD (Virtual meeting 18–19 September 2020).
- {92} 4th meeting on thyroid nodules (Webinar, 03 October 2020).
- {93} DFCONline, Diabetic Foot Global Conference at Virtual (Virtual meeting 9–10 October 2020).
- {94} EWMA 2020 VIRTUAL (Virtual Conference of the European Wound Management Association 18–19 November 2020).
- {95} Sleep: from physiological mechanism to risk factor (Webinar, 2020).
- {96} Reduction of cardiovascular and oncological risks (Webinar, 2020).
- {97} Hypothyroidism: updates and new medical acquisitions (Webinar, 2020).
- {98} The elements for a healthy thyroid (Webinar, 2020).
- {99} Oral contraception (Webinar, 2020).
- {100} Use of inositol in the polycystic ovary syndrome (Webinar, 2020).
- {101} Diabetes Care online 2020 (Webinar, 2020).
- {102} Hypertension guidelines in clinical practice (Webinar, 2020).
- {103} Virtual patient: a correct differential diagnosis of polycystic ovary syndrome (Webinar, 2020).

- {104} Oestrogens and androgens during menopause, focus on psychological aspects, sexuality and counselling (Webinar, 2020).
 - {105} II role of myo-inositol in physiological and pathological states of male fertility (Webinar, 2020).
 - {106} Telemedicine: the indispensable ingredients for the effective and efficient management of patients (Webinar, 2020).
 - {107} Painful neuropathy: from diagnosis to treatment (Webinar, 2020).
 - {108} Therapeutic adherence in oral contraception (Webinar, 2020).
 - {109} The ketogenic diet: definition and clinical applications in the patient with excess weight (Webinar, 2020).
- 2021
- {110} Hypoglycaemic therapy and cardiovascular risk in type 2 diabetes (Webinar, 2021).
 - {111} Hypertension and cardiovascular protection (Webinar, 2021).
 - {112} Obesity in cardiometabolic diseases (Webinar, 2021).
 - {113} Course SID "severe hypoglycaemia: new therapeutic approaches" (Webinar, 2021).
 - {114} In the labyrinth of dysmetabolism: virtual clinical case for the management of the patient with metabolic dysfunction (Webinar, 2021).
 - {115} Thyroid disorders (Webinar, 2021).
 - {116} Androgens: these female hormones! (Webinar, 2021).
 - {117} Thyroid disease and pregnancy (Webinar, 2021).
 - {118} Type two diabetes and COVID-19 (Webinar, 2021).
 - {119} Clinical endocrinology 2021 (Webinar, 2021).
 - {120} DFSG Virtual Conference (Virtual Conference, 24–25 September 2021).
 - {121} Endocrinological problems in women (Padua, 9 October 2021).
 - {122} Clinical gynaecological experience. PCOS: inositol supplements and other therapeutic strategies (Webinar, 21 October 2021) **guest speaker.**
 - {123} EWMA 2021 VIRTUAL (Virtual Conference of the European Wound Management Association, 26–27 October 2021).
 - {124} Updates on bone health (Webinar, 2021).
 - {125} The management of patients with osteoporosis (Webinar, 2021).
 - {126} Osteoday 2021. Updates on daily practice (Webinar, 2021).

- 2022 • {127} Endocrinological problems in women 10th edition (Padua, 11 March 2022).
- {128} Nutraceuticals in clinical practice: role in lipid modulation **guest speaker** (Webinar, 16 March 2022).
- {129} Multi-regional congress of the Italian Society of Endocrinology (SIE): complex cases in endocrinology (Padua, 14 May 2022).
- {130} Multi-regional congress of the Italian Association of Hospital Obstetricians and Gynaecologist (Riva del Garda, 6–7 May 2022) **guest speaker**.
- {131} Prescription of vitamin D (Webinar, 2022).
- {132} Second course of pharmacological therapy on obesity (Milan, 8–9 July 2022).
- {133} Theoretical-practical course on the use of the eco-color Doppler method for the study of the arterial axis of the lower limbs (Abano Terme, 5 September – 24 October 2022).
- {134} Principles of dietetics and clinical nutrition – insights in endocrine and metabolic disorders – 2nd edition (Webinar, 2022).
- 2023 • {135} 1st level Master Management of skin lesions and difficult wounds (Wound Care), 2022–2023. **As part of the multidisciplinary team in the treatment of the diabetic foot, trainer** (Padua, 14 February 2023 – Abano Terme Polyclinic, May 2023).
- {136} Wound care update 2023: Integrated management of chronic skin ulcers (Padova, 10 March 2023) **guest speaker**.
- {137} Diabetic foot updates (Abano Terme, 11 March 2023) **guest speaker**.
- {138} CLI-C (Critical Limb Ischemia Courses) GLOBAL 2023 course (Venice, 28–29 March 2023) **guest speaker**.
- {139} Women's Day conference XI edition – Pros and cons of endocrine therapies: a comparison between risks and benefits. (Padua, 14 April 2023).
- {140} The obese phenotype of PCOS: specificity and novelties of medical therapy (Webinar, 2023).
- {141} 33rd Conference of the European Wound Management Association, EWMA 2023 Wound care – from art to science (Milan, 3–5 May 2023).
- {142} Menopause... a new period of life (Webinar, 2023).
- {143} The management of the diabetic patient. From the clinical setting to the appropriate use of new drugs (Webinar, 2023).

- 2024 • {144} Diabetic Foot Educational Center – Winter Edition 2024 (Abano Terme, 5-7 February 2024) **guest speaker.**
- {145} 1st level Master Management of skin lesions and difficult wounds (Wound Care), 2023-2024. **As part of the multidisciplinary team in the treatment of the diabetic foot, trainer** (Padua, 13 February 2024 – Abano Terme Polyclinic, April/May 2024).
- {146} CLI-C (Critical Limb Ischemia Courses) GLOBAL 2024 course (Padova, 7-8 March 2024) **guest speaker.**
- {147} Diagnostic-therapeutic problems in thyroid nodes (Castelfranco Veneto, 12 April 2024).