

1. Ferrannini E, Santoro D, Manicardi V The association of essential hypertension and diabetes. *Comprehensive Therapy* 15(11):51-8, 1989.
2. Gambardella S, Frontoni S, Lala A, Felici MG, Spallone V, Scoppola A, Jacoangeli F, Menzinger G. Regression of microalbuminuria in type II diabetic, hypertensive patients after long-term indapamide treatment. *Am Heart J*.;122:1232-8, 1991.
3. Torlone E, Rambotti AM, Perriello G, Botta G, Santeusanio F, Brunetti P, Bolli GB. ACE-inhibition increases hepatic and extrahepatic sensitivity to insulin in patients with type 2 (non-insulin-dependent) diabetes mellitus and arterial hypertension. *Diabetologia*. 34(2):119-25, 1991.
4. De Feo P, Torlone E, Perriello G, Fanelli C, Epifano L, Di Vincenzo A, Modarelli F, Motolese M, Brunetti P, Bolli GB. Short-term metabolic effects of the ACE-inhibitor benazepril in type 2 diabetes mellitus associated with arterial hypertension. *Diabete Metab.*;18(4):283-8, 1992.
5. Frontoni S, Ohman L, Haywood JR, Rossetti L. Increased insulin sensitivity in the high sodium one-kidney, one figure-8 hypertensive rat. *Hypertension*.20:192-8, 1992.
6. Frontoni S, Ohman L, Haywood JR, DeFronzo RA, Rossetti L. In vivo insulin action in genetic models of hypertension. *Am J Physiol.*,262(2 Pt 1):E191-6, 1992.
7. Tilton RG, Pugliese G, Faller AM, LaRose LS, Province MA, Williamson JR. Interactions between hypertension and diabetes on vascular function and structure in rats. *J Diab Compl.*; 6:357-360, 1992.
8. Veglio P, Bertello P, Pinna G, Mulatero P, Rossi A, Gurioli L, Panarelli M, Chiandussi L. Plasma endothelin in essential hypertension and diabetes mellitus. *Journal of Human Hypertension* 7: 321-326, 1993.
9. Torlone E, Britta M, Rambotti AM, Perriello G, Santeusanio F, Brunetti P, Bolli GB. Improved insulin action and glycemic control after long-term angiotensin-converting enzyme inhibition in subjects with arterial hypertension and type II diabetes. *Diabetes Care*. 16(10):1347-55, 1993.
10. Gambardella S, Frontoni S, Pellegrinotti M, Testa G, Spallone V, Menzinger G. Carbohydrate metabolism in hypertension: influence of treatment. *J Cardiovasc Pharmacol.*,22 Suppl 6:S87-97, 1993.
11. Farrace S, Frontoni S, Gambardella S, Menzinger G, Rossetti L. Glycogen synthase activity in two rat models of hypertension. *Am J Hypertens.*,8:949-53, 1995.

12. Sinagra D, Greco D, Scarpitta AM, Bonaventura Blood pressure, insulin secretion and resistance in nonhypertensive and hypertensive obese female subjects.V. *Int J Obes Relat Metab Disord.* 19(9):610-3, 1995.
13. Farrace S, Frontoni S, Gambardella S, Menzinger G, Rossetti L. Effects of beta-adrenergic blockade on insulin-mediated glucose disposal in hypertensive and normotensive rats. *J Hypertens.* 14:1087-92, 1996.
14. Mattei P, Arzilli F, Giovannetti R, Penno G, Arrighi P, Taddei S, Salvetti A. Microalbuminuria and renal haemodynamics in essential hypertension. *Eur J Clin Invest.*; 27: 755-60, 1997.
15. Galletti F, Strazzullo P, Ferrara I, Annuzzi G, Rivelles AA, Gatto S, Mancini M. NaCl sensitivity of essential hypertensive patients is related to insulin sensitivity. *Journal of Hypertension* 15:1485-91, 1997.
16. Giugliano D, Acampora R, Marfella R, La Marca C, Marfella M, Nappo F, D'Onofrio F. Hemodynamic and metabolic effects of transdermal clonidine in patients with hypertension and non-insulin-dependent diabetes mellitus. *Am J Hypertens.* Feb;11(2):184-9, 1998.
17. Giugliano D, Marfella R, Acampora R, Giunta R, Coppola L, D'Onofrio F. Effects of perindopril and carvedilol on endothelium-dependent vascular functions in patients with diabetes and hypertension. *Diabetes Care.* 21(4):631-6, 1998.
18. Laine H., Knuuti M.J., Ruotsalainen U., Utriainen T., Oikonen V., Raitakari M., Luotolahti M., Kirvela O., Vicini P., Cobelli C., Nuutila P., Yki Jarvinen H.: Preserved relative dispersion but blunted stimulation of mean flow, absolute dispersion, and blood volume by insulin in skeletal muscle of patients with essential hypertension. *Circulation* 97: 2146-2153, 1998.
19. Pedrinelli R, Penno G, Dell'Omo G, Bandinelli S, Giorgi D, Di Bello V, Navalesi R, Mariani M. Microalbuminuria and transcapillary albumin leakage in essential hypertension. *Hypertension.*; 34: 491-5, 1999.
20. Pedrinelli R, Dell'Omo G, Penno G, Bandinelli S, Bertini A, Di Bello V, Mariani M. Microalbuminuria and pulse pressure in hypertensive and atherosclerotic men. *Hypertension.*; 35 (1 Pt 1): 48-54, 2000.
21. Pedrinelli R, Dell'Omo G, Bandinelli S, Penno G, Mariani M. Transvascular albumin leakage and forearm vasodilatation to acetylcholine in essential hypertension. *Am J Hypertens.* 13: 256-61, 2000.

22. Pedrinelli R, Dell'Omo G, Penno G, Bandinelli S, Giannini D, Balbarini A, Mariani M. Dissociation between microalbuminuria and common carotid thickness in essential hypertensive men. *J Hum Hypertens.* 14: 831-5, 2000.
23. Paolisso G, Tagliamonte MR, Galderisi M, Zito GA, D'Errico A, Marfella R, Carella C, de Divitiis O, Varricchio M. Plasma leptin concentration, insulin sensitivity, and 24-hour ambulatory blood pressure and left ventricular geometry. *Am J Hypertens.* 14(2):114-20, 2001.
24. Dell'Omo G, Penno G, Giorgi D, Di Bello V, Mariani M, Pedrinelli R. Association between high-normal albuminuria and risk factors for cardiovascular and renal disease in essential hypertensive men. *Am J Kidney Dis.*; 40: 1-8, 2002.
25. Pedrinelli R, Dell'Omo G, Penno G, Di Bello V, Giorgi D, Pellegrini G, Del Prato S, Mariani M. Microalbuminuria, a parameter independent of metabolic influences in hypertensive men. *J Hypertens.*; 21: 1163-1169, 2003.
26. Marfella R, Esposito K, Giugliano D. Increase in nocturnal blood pressure and progression to microalbuminuria in diabetes. *N Engl J Med.* 348(3):260-4, 2003.
27. Marfella R, Gualdiero P, Siniscalchi M, Carusone C, Verza M, Marzano S, Esposito K, Giugliano D. Morning blood pressure peak, QT intervals, and sympathetic activity in hypertensive patients. *Hypertension.* 41(2):237-43, 2003.
28. Ceravolo R, Maio R, Pujia A, Sciacqua A, Ventura G, Costa MC, Sesti G, Perticone F. Pulse pressure and endothelial dysfunction in never-treated hypertensive patients. *J Am Coll Cardiol* 41:1753-1758, 2003.
29. Invitti C. Can glycaemia affect blood pressure? *J Hypertens.* 21:1265-7, 2003.
30. Esposito K, Marfella R, Gualdiero P, Carusone C, Pontillo A, Giugliano G, Nicoletti G, Giugliano D. Sympathovagal balance, nighttime blood pressure, and QT intervals in normotensive obese women. *Obes Res.* 11(5):653-9, 2003.
31. Marfella R, Esposito K, Gualdiero P, Guigliano D. Morning blood pressure surge and the risk of stroke. *Circulation.* 108(15):e110-1, 2003.
32. Pedrinelli R, Dell'Omo G, Di Bello V, Pellegrini G, Pucci L, Del Prato S, Penno G. Low-grade inflammation and microalbuminuria in hypertension. *Arterioscler Thromb Vasc Biol.*; 24: 2414-2419, 2004.
33. Frontoni S, Bracaglia D, Gigli F. Relationship between autonomic dysfunction, insulin resistance and hypertension, in diabetes. *Nutr Metab Cardiovasc Dis.*,15:441-9, 2005.
34. Sciacqua A, Scozzafava A, Pujia A, Maio R, Borrello F, Andreozzi A, Vatrano M, Cassano S, Perticone M, Sesti G, Perticone F. Interaction between vascular dysfunction and cardiac

- mass increases the risk of cardiovascular outcomes in essential hypertension. *Eur Heart J*. 26:921-927, 2005.
35. Perticone F, Sciacqua A, Maio R, Perticone M, Maas R, Boger RH, Tripepi G, Sesti G, Zoccali C. Asymmetric dimethylarginine, L-arginine, and endothelial dysfunction in essential hypertension. *J Am Coll Cardiol* 46: 518–523, 2005.
 36. Marfella R, Siniscalchi M, Nappo F, Gualdiero P, Esposito K, Sasso FC, Cacciapuoti F, Di Filippo C, Rossi F, D'Amico M, Giugliano D. Regression of carotid atherosclerosis by control of morning blood pressure peak in newly diagnosed hypertensive patients. *Am J Hypertens*. 18(3):308-18, 2005.
 37. Dell'Omo G, Penno G, Pucci L, Lucchesi D, Fotino C, Del Prato S, Pedrinelli R. ACE gene insertion/deletion polymorphism modulates capillary permeability in hypertension. *Clin Sci (Lond)*. 111: 357-64, 2006.
 38. Marfella R, Siniscalchi M, Portoghese M, Di Filippo C, Ferraraccio F, Schiattarella C, Crescenzi B, Sangiuolo P, Ferraro G, Siciliano S, Cinone F, Mazzarella G, Martis S, Verza M, Coppola L, Rossi F, D'Amico M, Paolisso G. Morning blood pressure surge as a destabilizing factor of atherosclerotic plaque: role of ubiquitin-proteasome activity. *Hypertension*. 49(4):784-91, 2007.
 39. Perticone F, Maio R, Ruberto C, Cassano S, Tripepi G, Perticone M, Sesti G, Zoccali C. Kidney function and risk factors for left ventricular hypertrophy in untreated uncomplicated essential hypertension. *Am J Kidney Dis*. 52: 74-84, 2008.
 40. Marfella R, Bologna C, Quaranta E, Paolisso G. Shear stress as target to reduce atherosclerosis progression in hypertensive patients. *Am J Hypertens*. 21(7):729, 2008.
 41. Perticone F, Sciacqua A, Perticone M, Laino I, Miceli S, Care' I, Galiano Leone G, Andreozzi F, Maio R, Sesti G. Low plasma insulin-like growth factor-1 levels are associated with impaired endothelium-dependent vasodilatation in a cohort of untreated hypertensive Caucasian subjects. *J Clin Endocrinol Metab* 93: 2806-2810, 2008.
 42. Perticone F, Maio R, Sciacqua A, Perticone M, Laino I, Miceli S, Mazzaferro D, Pascale A, Andreozzi F, Sesti G. Insulin-like growth factor-1 and glomerular filtration rate in hypertensive patients. *J Hypertens* 27:613–617, 2009.
 43. Lurbe E, Cifkova R, Cruickshank JK, Dillon MJ, Ferreira I, Invitti C, Kuznetsova T, Laurent S, Mancia G, Morales-Olivas F, Rascher W, Redon J, Schaefer F, Seeman T, Stergiou G, Wühl E, Zanchetti A; European Society of Hypertension. Management of high blood pressure in children and adolescents: recommendations of the European Society of Hypertension. *J Hypertens*.,27:1719-1742, 2009.

44. Di Bello V, Talini E, Dell'Omo G, Giannini C, Delle Donne MG, Canale ML, Nardi C, Palagi C, Dini FL, Penno G, Del Prato S, Marzilli M, Pedrinelli R. Early left ventricular mechanics abnormalities in prehypertension: a two-dimensional strain echocardiography study. *Am J Hypertens.* 23: 405-12, 2010.
45. Pedrinelli R, Canale ML, Giannini C, Talini E, Penno G, Dell'Omo G, Di Bello V. Right ventricular dysfunction in early systemic hypertension: a tissue Doppler imaging study in patients with high-normal and mildly increased arterial blood pressure. *J Hypertens.* 28: 615-621, 2010.
46. Perticone F, Maio R, Perticone M, Sciacqua A, Shehaj E, Naccarato P, Sesti G. Endothelial dysfunction and subsequent decline in glomerular filtration rate in hypertensive patients. *Circulation* 122:379-384, 2010.
47. Perticone F, Sciacqua A, Maio R, Perticone M, Galiano Leone G, Bruni R, Di Cello S, Pascale A, Talarico G, Greco L, Andreozzi F, Sesti G. Endothelial dysfunction, ADMA and insulin resistance in essential hypertension. *Int J Cardiol.* 142: 236–241, 2010.
48. Sciacqua A, Miceli S, Carullo G, Greco L, Succurro E, Arturi F, Sesti G, Perticone F. One-hour postload plasma glucose levels and left ventricular mass in hypertensive patients. *Diabetes Care* 34:1406–1411, 2011.
49. Sciacqua A, Miceli S, Greco L, Arturi F, Naccarato P, Mazzaferro D, Tassone EJ, Turano L, Martino F, Sesti G, Perticone F. One-hour postload plasma glucose levels and diastolic function in hypertensive patients. *Diabetes Care* 34:2291–2296, 2011.
50. Sciacqua A, Perticone M, Miceli S, Laino I, Tassone EJ, Grembale RD, Andreozzi F, Sesti G, Perticone F. Endothelial dysfunction and non-alcoholic liver steatosis in hypertensive patients. *Nutr Metab Cardiovasc Dis* 21:485-491, 2011.
51. Ruggenenti P, Fassi A, Ilieva A, Iliev IP, Chiurciu C, Rubis N, Gherardi G, Ene-Iordache B, Gaspari F, Perna A, Cravedi P, Bossi AC, Trevisan R, Motterlini N, Remuzzi G; BENEDICT-B Study Investigators. Effects of verapamil added-on trandolapril therapy in hypertensive type 2 diabetes patients with microalbuminuria: the BENEDICT-B randomized trial. *J Hypertens* 29(2):207-16, 2011.
52. Ruggenenti P, Lauria G, Iliev IP, Fassi A, Ilieva AP, Rota S, Chiurciu C, Barlovic DP, Sghirlanzoni A, Lombardi R, Penza P, Cavaletti G, Piatti ML, Frigeni B, Filipponi M, Rubis N, Noris G, Motterlini N, Ene-Iordache B, Gaspari F, Perna A, Zaletel J, Bossi AC, Dodesini AR, Trevisan R, Remuzzi G; DEMAND Study Investigators. Effects of Manidipine and Delapril in Hypertensive Patients with Type 2 Diabetes: the DEMAND Randomized Clinical Trial. *Hypertension* 58:776-83, 2011.

53. Giannarelli C, Bianchini E, Bruno RM, Magagna A, Landini L, Faita F, Gemignani V, Penno G, Taddei S, Ghiadoni L. Local carotid stiffness and intima-media thickness assessment by a novel ultrasound-based system in essential hypertension. *Atherosclerosis*. 223: 372-377, 2012.
54. Mantovani A., Zoppini G., Targher G., Golia G., Bonora E. Non-alcoholic fatty liver disease is independently associated with left ventricular hypertrophy in hypertensive type 2 diabetic individuals. *J. Endocrinol. Invest.* 35: 215-218, 2012.
55. Maio R, Perticone M, Sciacqua A, Tassone EJ, Naccarato P, Bagnato C, Iannopollo G, Sesti G, Perticone F. Oxidative stress impairs endothelial function in nondipper hypertensive patients. *Cardiovasc Ther* 30:85-92, 2012.
56. Perticone F, Sciacqua A, Perticone M, Arturi F, Scarpino PE, Quero M, Sesti G. Serum uric acid and 1-h postload glucose in essential hypertension. *Diabetes Care* 35:153–157, 2012.
57. Sciacqua A, Maio R, Miceli S, Pascale A, Carullo G, Grillo N, Arturi F, Sesti G, Perticone F. Association between one-hour post-load plasma glucose levels and vascular stiffness in essential hypertension. *PLoS One* 7: e44470, 2012.
58. Perticone F, Sciacqua A, Tassone EJ, Miceli S, Maio R, Addesi D, Falbo T, Arturi F, Sesti G. One-hour post-load plasma glucose and IGF-1 in hypertensive patients. *Eur J Clin Invest* 42:1325-31, 2012.
59. Maio R, Miceli S, Sciacqua A, Leone GG, Bruni R, Naccarato P, Martino F, Sesti G, Perticone F. Heart rate affects endothelial function in essential hypertension. *Intern Emerg Med* 8: 211-9, 2013.
60. Perticone F, Sciacqua A, Perticone M, Miceli S, Maio R, Tassone JE, Arturi F, Sesti G. Phenotypic characterization of normotolerant hypertensive patients. *Int J Cardiol.* 165:322-326, 2013.
61. Parvanova AI, van der Meer I, Iliev IP, Perna A, Gaspari F, Trevisan R, Bossi AC, Remuzzi G, Benigni A, Ruggenenti P, for the Daglutril in Diabetic Nephropathy Study Group. Ameliorating blood pressure control by combined ECE/NEP inhibition with Daglutril on top of Losartan: a randomized, cross-over, double-blind, placebo-controlled clinical trial in type 2 diabetes patients with albuminuria. *The Lancet Diabetes & Endocrinology.* 1:19-27, 2013.
62. Solini A, Zoppini G, Orsi E, Fondelli C, Trevisan R, Vedovato M, Cavalot F, Lamacchia O, Arosio M, Baroni MG, Penno G, Pugliese G; Renal Insufficiency And Cardiovascular Events (RIACE) Study Group. Resistant hypertension in patients with type 2 diabetes: clinical correlates and association with complications. *J Hypertens.* 32(12):2401-2410, 2014.

63. Frontoni S, Solini A, Fioretto P, Natali A, Zuccalà A, Cosentino F, Penno G; Italian Society of Diabetology (SID)-Study Group on Diabetes, Hypertension and the Kidney. The ideal blood pressure target to prevent cardiovascular disease in type 2 diabetes: a neutral viewpoint. *Nutr Metab Cardiovasc Dis.*;24: 577-584, 2014.
64. Sciacqua A, Perticone M, Tripepi G, Miceli S, Tassone EJ, Grillo N, Carullo G, Sesti G, Perticone F. Renal disease and left atrial remodeling predict atrial fibrillation in patients with cardiovascular risk factors. *Int J Cardiol* 175:90-5, 2014.
65. Tripolino C, Gnasso A, Carallo C, Scavelli FB, Irace C. Hemorheological profiles of subjects with prehypertension. *Hypertens Res.* 39(7):519-23, 2016.
66. Perseghin G, Manzoni G, Grassi G. Hypertension and hepatic triglycerides content: a two (multi)-faceted clinical challenge? *J Hypertens.* 35(4):715-717, 2017.
67. Perticone M, Tripepi G, Maio R, Cimellaro A, Addesi D, Baggetta R, Sciacqua A, Sesti G, Perticone F. Risk reclassification ability of uric acid for cardiovascular outcomes in essential hypertension. *Int J Cardiol.* 243:473-478, 2017.
68. Di Bonito P, Valerio G, Pacifico L, Chiesa C, Invitti C, Morandi A, Maffei C, Licenziati MR, Manco M, Miraglia Del Giudice E, Baroni MG, Loche S, Tornese G, Tomat M, de Simone G; CARITALY Study Group. A new index to simplify the screening of hypertension in overweight or obese youth. *Nutr Metab Cardiovasc Dis.* 27(9):830-835, 2017.
69. De Pergola G, D'Alessandro A. Influence of Mediterranean Diet on Blood Pressure. *Nutrients.* 10(11), 2018.
70. Parvanova A, Trillini M, Podestà MA, Iliev IP, Aparicio C, Perna A, Peraro F, Rubis N, Gaspari F, Cannata A, Ferrari S, Bossi AC, Trevisan R, Parameswaran S, Chávez-Iñiguez JS, Masnic F, Seck SM, Jiamjariyaporn T, Cortinovis M, Perico L, Sharma K, Remuzzi G, Ruggenenti P, Warnock DG. Blood Pressure and Metabolic Effects of Acetyl-L-Carnitine in Type 2 Diabetes: DIABASI Randomized Controlled Trial. *J Endocr Soc.* 2(5):420-436, 2018.
71. Sciacqua A, Perticone M, Tripepi G, Addesi D, Cassano V, Maio R, Sesti G, Perticone F. Metabolic and vascular effects of silybin in hypertensive patients with high 1-h post-load plasma glucose. *Intern Emerg Med*, 14:77-84, 2019.
72. Solini A, Penno G, Orsi E, Bonora E, Fondelli C, Trevisan R, Vedovato M, Cavalot F, Lamacchia O, Baroni MG, Nicolucci A, Pugliese G; Renal Insufficiency And Cardiovascular Events (RIACE) Study Group. Is resistant hypertension an independent

predictor of all-cause mortality in individuals with type 2 diabetes? A prospective cohort study. *BMC Med*, 17(1):83, 2019.

73. Mandatori D, Pipino C, Di Tomo P, Schiavone V, Ranieri A, Pantalone S, Di Silvestre S, Di Pietrantonio N, Ucci M, Palmerini C, Failli P, Di Pietro N, Pandolfi A. Osteogenic transdifferentiation of vascular smooth muscle cells isolated from spontaneously hypertensive rats and potential menaquinone-4 inhibiting effect. *Cell. Physiol*, 234:19761-19773, 2019.
74. Sciacqua A, Perticone M, Miceli S, Pinto A, Cassano V, Succurro E, Andreozzi F, Hribal ML, Sesti G, Perticone F. Elevated 1-h post-load plasma glucose is associated with right ventricular morphofunctional parameters in hypertensive patients. *Endocrine*, 64:525-535, 2019.
75. Zupo R, Castellana F, Boninfante B, Lampignano L, Lattanzio A, Sardone R, Giannelli G, De Pergola G. Uric Acid and Potassium Serum Levels Are Independent Predictors of Blood Pressure Non-Dipping in Overweight or Obese Subjects. *Nutrients*, 11(12):2970, 2019.
76. Cassano V, Crescibene D, Hribal ML, Pelaia C, Armentaro G, Magurno M, Toscani A, Miceli S, Andreozzi F, Maio R, Perticone M, Sesti G, Perticone F, Sciacqua A. Uric Acid and Vascular Damage in Essential Hypertension: Role of Insulin Resistance. *Nutrients*. 12(9):2509, 2020.
77. Radaelli MG, Ciardullo S, Perra S, Cannistraci R, Bianconi E, Muraca E, Zerbini F, Manzoni G, Grassi G, Mancina G, Lattuada G, Perseghin G. Visit-to-visit blood pressure variability in patients with type 2 diabetes with and without previous history of cardiovascular disease. *J Hypertens*. 38(9):1737-1744, 2020.
78. Maio R, Perticone M, Suraci E, Sciacqua A, Sesti G, Perticone F. Endothelial dysfunction and C-reactive protein predict the incidence of heart failure in hypertensive patients. *ESC Heart Fail*. 8(1):399-407, 2020.
79. Sciacqua A, Ventura E, Tripepi G, Cassano V, D'Arrigo G, Roumeliotis S, Maio R, Miceli S, Perticone M, Andreozzi F, Sesti G, Perticone F. Ferritin modifies the relationship between inflammation and arterial stiffness in hypertensive patients with different glucose tolerance. *Cardiovasc Diabetol*. 19(1):123, 2020.