**Supplemental materials**

**Supplemental TABLE 1.** General characteristics of the control cohort deriving from 6 cohorts from general population employed to confirm the validity of the cut-off values identified by the receiver operating characteristic curve method. Continuous variables were expressed as mean ± standard deviation. All the categorical variables are in %.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Variables** | **Whole database**(n=9385) |  | **Females** (n=5276) |  | **Males** (n=4109) |  | ***p* values between sexes** |
| **Age** (years) | 58.7 ± 16.9 |  | 59.6 ± 17.1 |  | 57.6 ± 16.5 |  | <0.0001 |
| **Serum uric acid** (mg/dL) | 5.1 ± 1.4 |  | 4.7 ± 1.3 |  | 5.5 ± 1.3 |  | <0.0001 |
| **Body mass index** (kg/m2) | 26.0 ± 4.3 |  | 26.8 ± 4.6 |  | 26.1 ± 3.8 |  | <0.0001 |
| **Waist circumference** (cm) | 87.9 ± 13.1 |  | 83.3 ± 12.7 |  | 93.3 ± 11.5 |  | <0.0001 |
| **Heart rate** (bpm) | 74.4 ± 13.6 |  | 75.8 ± 12.8 |  | 72.6 ± 14.4 |  | <0.0001 |
| **Systolic BP** (mmHg) | 146.4 ± 26.4 |  | 147.2 ± 28.0 |  | 145.3 ± 24.3 |  | <0.0005 |
| **Diastolic BP** (mmHg) | 86.0 ± 11.6 |  | 85.8 ± 12.1 |  | 86.4 ± 11.0 |  | <0.01 |
| **Azotemia** (mg/dL) | 31.7 ± 10.0 |  | 31.3 ± 10.0 |  | 33.0 ± 10.0 |  | <0.0001 |
| **Serum creatinine** (mg/dL) | 0.90 ± 0.26 |  | 0.85 ± 0.26 |  | 0.97 ± 0.23 |  | <0.0001 |
| **Serum glucose** (mg/dL) | 99.1 ± 26.9 |  | 100.2 ± 29.0 |  | 99.9 ± 24.0 |  | 0.6 |
| **LDLC** (mg/dL) | 135.3 ± 36.3 |  | 135.6 ± 36.2 |  | 135.1 ± 36.4 |  | 0.6 |
| **Haematocrit** (%) | 42.3 ± 3.9 |  | 40.9 ± 3.4 |  | 44.2 ± 3.8 |  | <0.0001 |
| **Smoking habit** (yes %) | 22.8 |  | 14.9 |  | 32.6 |  | <0.0001 |
| **Diabetes** (yes %) | 11.6 |  | 12.3 |  | 10.8 |  | <0.02 |
| **Ethanol intake** (yes %) | 71.2 |  | 65.8 |  | 78.2 |  | <0.0001 |
| **Hypertension** (yes %) | 62.2 |  | 62.3 |  | 62.0 |  | 0.8 |
| **CKD** (yes %) | 6.0 |  | 4.7 |  | 7.7 |  | <0.0001 |
| **Gout** (yes %) | 0.9 |  | 0.6 |  | 1.4 |  | 0.001 |
| **Heart failure** (yes %) | 36.3 |  | 39.0 |  | 31.0 |  | <0.0001 |
| **Diuretics use** (yes %) | 20.4 |  | 23.5 |  | 16.4 |  | <0.0001 |
| **Statin use** (yes %) | 2.1 |  | 2.1 |  | 2.1 |  | 1.0 |

BP: blood pressure; LDLC: low-density-lipoprotein serum cholesterol; CKD = chronic kidney disease; yes=1, no=0.

**References characterizing the populations chosen for creating the control cohort above**

Alcozer G, Piuma M. Nucleophagocytosis and pulmonary tuberculosis; study of 100 cases by a new technic of agitation for provocation of the L.E. phenomenon. Arch Maragliano Patol Clin. 1957; 13:1337-1344.

Angeli F, Angeli E, Cavallini C, Ambrosio G, Mazzotta G, Reboldi G, Verdecchia P. Electrocardiographic abnormalities of left ventricular repolarization: prognostic implications in hypertensive post-menopausal women. Maturitas. 2010; 67: 159-165.

Bombelli M, Facchetti R, Mancia G, Grassi G. Big data and blood pressure control: insights from the PAMELA and BP-CARE Study Cohorts. Curr Hypertens Rep. 2018; 20: 82.

Bombelli M, Toso E, Peronio M, Fodri D, Volpe M, Brambilla G, Facchetti R, Sega R, Grassi G, Mancia G. The PAMELA study: main findings and perspectives. Curr Hypertens Rep. 2013; 15: 238-243.

Brand-Herrmann SM, Kuznetsova T, Wiechert A, Stolarz K, Tikhonoff V, Schmidt-Petersen K, Telgmann R, Casiglia E, Wang JG, Thijs L, Staessen JA, Brand E. Alcohol intake modulates the genetic association between HDL cholesterol and the PPARγ2 Pro12Ala polymorphism. J Lipid Res. 2005; 46: 913-919.

Casiglia E, Mazza A, Tikhonoff V, Pessina AC. Population-based studies improve outcome in hypertensive patients. Am J Hypertens. 2002; 15: 605-608.

Casiglia E, Mazza A, Tikhonoff V, Pizziol A, Martini B, Basso G, Sica E, Saugo M, M.Martines, A.Pavei, S.Ruffatti, B.Brandolin, G.Privato, A.Scarda, L.Ngante, N.Schenal, F.Guglielmi, M.Vinnicki. Protocol and experimental design of the LEOGRA (Last Evidences of Genetic Risk factors in the Aged) study, a population-based genetic approach to cardiovascular risk. J Hypertens. 2000; 18 (Suppl. 2): 174.

Casiglia E, Jordan J. Orthostatic hypotension: new views for an old problem. J Hypertens. 2017; 35: 947-949.

Casiglia E, Palatini P. Cardiovascular risk factors in the elderly. J Hum Hypertens. 1998; 12: 575-581.

Casiglia E, Tikhonoff V, Albertini F, Favaro J, Montagnana M, Danese E, Finatti F, Benati M, Mazza A, Dal Maso L, Spinella P, Palatini P. Caffeine intake and abstract reasoning among 1,374 unselected men and women from general population. Role of the –163C>A polymorphism of CYP1A2 gene. Clin Nutr ESPEN. 2017. DOI: 10.1016/j.clnesp.2017.04.001.

Casiglia E, Tikhonoff V, Caffi S, Boschetti G, Giordano N, Guidotti F, Segato F, Mazza A, Grasselli C, Saugo M, Rigoni G, Guglielmi F, Martini B, Palatini P. Orthostatic hypotension does not increase cardiovascular risk in the elderly at a population level. Am J Hypertens. 2014; 27: 81-88.

Casiglia E, Tikhonoff V, Caffi S, Martini B, Guidotti F, Bolzon M, Bascelli A, D’Este D, Mazza A, Pessina A.C. Effects of the C825T polymorphism of the GNB3 gene on body adiposity and blood pressure in fertile and menopausal women: a population-based study. J Hypertens .2008; 26: 238-243.

Casiglia E, Tikhonoff V. Essential hypertension: the specialist as a part of therapeutic intervention. Hypert Res. 2018; 41: 323-325.

Casiglia E, Tikhonoff V. Orthostatic hypotension, focus on cognitive pattern. J Hypertens. 2018; 36: 1038-1040.

Casiglia E, Tikhonoff V, Mazza A, Scarpa R, Piccoli A, Pessina AC. Pulse pressure and coronary mortality in elderly men and women from general population. J Hum Hypertens. 2002; 16: 611-620.

Casiglia E, Tikhonoff V, Albertini F, Gasparotti F, Mazza A, Montagnana M, Danese E, Benati M, Spinella P, Palatini P. Caffeine intake reduces incident atrial fibrillation at a population level. EJPC 2018; 25: 1055-1062.

Casiglia E, Tikhonoff V, Albertini F, Montagnana M, Danese E, Mazza A, Favaro J, Finatti F, Benati M, Dal Maso L, Gasparotti F, Spinella P, Palatini P. Effects of caffeine and coffee on incident heart failure in general population. Role of the CYP1A2 -163C>A polymorphism. WIRR 2017; 5: 42-48.

Casiglia E, Tikhonoff V, Albertini F, Palatini P. Poor reliability of wrist blood pressure self-measurement at home: a population-based study. Hypertension. 2016; 68: 896-903.

Casiglia E, Tikhonoff V, Boschetti V, Bascelli A, Saugo M, Guglielmi G, Caffi S, Rigoni G, Giordano N, Martini B, De Lazzari F, Palatini P. The C825T polymorphism of GNB3 gene, independent of blood pressure, predicts the risk of cerebrovascular events at a population level. Am J Hypert 2012; 25: 451-457.

Casiglia E, Tikhonoff V, Caffi S, Boschetti G, Grasselli C, Saugo M, Spinella P, Palatini P. High dietary fiber intake prevents stroke at a population level. Clin Nutr 2013; 32: 811-818.

Casiglia E, Tikhonoff V. Long-standing problem of β-blocker–elicited hypoglycemia in diabetes mellitus. Hypertension. 2017; 70: 42-43.

Casiglia E, Tikhonoff V. Old-style epidemiology and epi*genetic*demiology. Hypert Res 2015; 38: 380-381.

Casiglia E, Tikhonoff V. Do genetics help epidemiologists? Arterial hypertension and cardiovascular events in the light of epigenetic demiology. Hypertens. 2018; 41: 320-322.

Casiglia E, Giordano N, Tikhonoff V, Boschetti G, Mazza A, Caffi S, Guidotti F, Bisiacchi P. Cognitive functions across the GNB3 *C825T* polymorphism in an elderly italian population. Neurol Res Int. 2013; 2013:597034. doi: 10.1155/2013/597034.

Casiglia E, Pessina AC. Hypertension in the elderly and in the very old. Expert Rev Cardiovasc Ther. 2009; 7: 659-665.

Casiglia E, Mazza A, Tikhonoff V, Pavei A, Privato G, Schenal N, Pessina AC. Weak effect of hypertension and other classic risk factors in the elderly who have already paid their toll. J Human Hypertens. 2002; 16: 21-31.

Casiglia E, Mazza A, Tikhonoff V, Scarpa R, Schiavon L, Pessina AC. Total cholesterol and mortality in the elderly. J Int Med. 2003; 254: 345-362.

Casiglia E, Schiavon L, Tikhonoff V, Bascelli A, Martini B, Mazza A, Caffi S, D’Este D, Bagato F, Bolzon M, Guidotti F, Haxhi Nasto H, Saugo M, Guglielmi F, Pessina AC. Electrocardiographic criteria of left ventricular hypertrophy in general population. Eur J Epidemiol. 2008; 23: 261-271.

Casiglia E, Saugo M, Schiavon L, Tikhonoff V, Rigoni G, Basso G, Mazza A, Rizzato E, Guglielmi F, Martini B, Bascelli A, Caffi S, Pessina AC. Reduction of cardiovascular risk and mortality. A population-based approach. Adv Ther. 2006; 23: 905-920.

Casiglia E, Tikhonoff V, Bascelli A, Giordano N, Caffi S, Andreatta E, Mazza A, Boschetti G, Grasselli C, Saugo M, Rigoni G, Spinella P, Palatini P. Dietary iron intake and cardiovascular outcome in italian women: 10-year follow-up. Women's Health. 2011; 20: 1565-1571.

Casiglia E, Tikhonoff V, Mazza A, RynkiewiczA, Limon J, Caffi S, Guglielmi F, Martini B, Basso G, Winnicki M, Pessina AC, Somers VK. C-344T polymorphis of the aldosterone synthase gene and blood pressure in the elderly: a population-based study. J Hypertens. 2005; 23: 1991-1996.

Casiglia E, Tikhonoff V, Boschetti G, Giordano N, Mazza A, Caffi S, Palatini P. Arterial stiffness and related variables across menopausal status: an epidemiologic study. J Women’s Health. 2013; 22: 75-84.

Casiglia E, Tikhonoff V, Schiavon L, Guglielmi F, Pagnin E, Bascelli A, Basso G, Mazza A, Martini B, Bolzon M, Guidotti F, Caffi S, Rizzato E, Pessina AC. Skinfold thickness and blood pressure across c-344t polymorphism of CYP11B2 gene. J Hypertens. 2007; 25: 1828-1833.

Casiglia E, Tikhonoff V, Caffi S, Schiavon L, Bascelli A, Guglielmi F, Mazza A, Martini B, Saugo M, D’Este D, Guidotti F, Masiero S, Vigili de Kreutzenberg S. Glycaemic fall after a glucose load. A population-based study. Nutr Metab CV Dis. 2010; 20: 727-733.

Casiglia E, Tikhonoff V. About the sullivan’s iron hypothesis. J Hypertens. 2009, 27:439–440.

Casiglia E, D'Este D, Ginocchio G, Colangeli G, Onesto C, Tramontin P, Ambrosio GB, Pessina AC. Lack of influence of menopause on blood pressure and cardiovascular risk profile: a 16-year longitudinal study concerning a cohort of 568 women. J Hypertens. 1996; 14: 729-736.

Casiglia E, Ginocchio G, Tikhonoff V, D'Este D, Mazza A, Pizziol A, Pavei A, Ambrosio GB, Piccoli A, Pessina AC. Blood pressure and metabolic profile after surgical menopause: comparison with fertile and naturally-menopausal women. J Hum Hypertens. 2000; 14: 799-805.

Casiglia E, Maniati G, Daskalakis C, Colangeli G, Tramontin P, Ginocchio G, Spolaore P. Left-ventricular hypertrophy in the elderly: unreliability of ECG criteria in 477 subjects aged 65 years or more. The CArdiovascular STudy in the ELderly (CASTEL). Cardiology. 1996; 87: 429-435.

Casiglia E, Mazza A, Tikhonoff V, Pavei A, Privato G, Schenal N, Pessina AC. Weak effect of hypertension and other classic risk factors in the elderly who have already paid their toll. J Hum Hypertens. 2002; 16: 21-31.

Casiglia E, Pauletto P, Mazza A, Ginocchio G, di Menza G, Pavan L, Tramontin P, Capuani M, Pessina AC. Impaired glucose tolerance and its co-variates among 2079 non-diabetic elderly subjects. Ten-year mortality and morbidity in the CASTEL study. Acta Diabetol. 1996; 33: 284-290.

Casiglia E, Spolaore P, Ginocchio G, Colangeli G, Di Menza G, Marchioro M, Mazza A, Ambrosio GB. Predictors of mortality in very old subjects aged 80 years or over. Eur J Epidemiol. 1993; 9: 577-586.

Casiglia E, Spolaore P, Ginocchio G, Maggiolo G, Marchioro M, Di Menza G, Mazza A, Daskalakis C, Ambrosio GB. Blood pressure, left ventricular hypertrophy and diabetes among 179 very old hypertensives from an Italian general population. The CASTEL (CArdiovascular STudy in the ELderly). Cardiologia. 1993; 38: 363-368.

Casiglia E, Spolaore P, Ginocchio G, Marchioro M, Mazza A, di Menza G, Maniati G, Daskalakis C, Colangeli G, Ambrosio GB. Mortality in relation to Minnesota code items in elderly subjects. Sex-related differences in a cardiovascular study in the elderly. Jpn Heart J. 1993; 34: 567-577.

Casiglia E, Spolaore P, Mazza A, Ginocchio G, Colangeli G, Onesto C, Di Menza G, Pegoraro L, Ambrosio GB. Effect of two different therapeutic approaches on total and cardiovascular mortality in a Cardiovascular Study in the Elderly (CASTEL). Jpn Heart J. 1994; 35: 589-600.

Casiglia E, Tikhonoff V, Boschetti G, Giordano N, Mazza A, Caffi S, Palatini P. Arterial stiffness and related variables across menopausal status: an epidemiologic study. J Womens Health. 2013; 22: 75-84.

Casiglia E, Tikhonoff V, Caffi S, Bascelli A, Schiavon L, Guidotti F, Saugo M, Giacomazzo M, Martini B, Mazza A, D'este D, Pessina AC. Menopause does not affect blood pressure and risk profile, and menopausal women do not become similar to men. J Hypertens. 2008; 26: 1983-1992.

Casiglia E, Tikhonoff V, Caffi S, Martini B, Guidotti F, Bolzon M, Bascelli A, D'Este D, Mazza A, Pessina AC. Effects of the C825T polymorphism of the GNB3 gene on body adiposity and blood pressure in fertile and menopausal women: a population-based study. J Hypertens. 2008; 26: 238-243.

Casiglia E, Tikhonoff V, Mormino P, Piccoli A, Pessina AC. Is menopause an independent cardiovascular risk factor? Evidence from population-based studies. J Hypertens. 2002; 20: S17-22.

Casiglia E, Tikhonoff V, Pizziol A, Onesto C, Ginocchio G, Mazza A, Pessina AC. Should digoxin be proscribed in elderly subjects in sinus rhythm free from heart failure? A population-based study. Jpn Heart J. 1998; 39: 639-651.

Casiglia E, Basso G, Guglielmi F, Martini B, Mazza A, Tikhonoff V, Scarpa R, Saugo M, Caffi S, Pessina AC. German origin clusters for high cardiovascular risk in an Italian enclave. Int Heart J. 2005; 46: 489-500.

Castellano M, Muiesan ML, Rizzoni D, Beschi M, Pasini G, Cinelli A, Salvetti M, Porteri E, Bettoni G, Kreutz R, et al. Angiotensin-converting enzyme I/D polymorphism and arterial wall thickness in a general population. The Vobarno Study. Circulation. 1995; 91: 2721-2724.

Cuspidi C, Facchetti R, Bombelli M, Sala C, Tadic M, Grassi G, Mancia G. Risk of new-onset metabolic syndrome associated with white-coat and masked hypertension: data from a general population. J Hypertens. 2018; 36: 1833-1839.

Cuspidi C, Facchetti R, Bombelli M, Sala C, Tadic M, Grassi G, Mancia G. Uric acid and new onset left ventricular hypertrophy: findings from the PAMELA Population. Am J Hypertens. 2017; 30: 279-285.

Cuspidi C, Facchetti R, Bombelli M, Tadic M, Sala C, Grassi G, Mancia G. High normal blood pressure and left ventricular hypertrophy echocardiographic findings from the PAMELA population. Hypertension. 2019; 73: 612-619.

Cuspidi C, Facchetti R, Quarti-Trevano F, Sala C, Tadic M, Grassi G, Mancia G. Incident Left Ventricular Hypertrophy in Masked Hypertension. Hypertension. 2019; 74: 56-62.

Cuspidi C, Tadic M, Mancia G, Grassi G. White-coat hypertension: the neglected subgroup in hypertension. Korean Circ J. 2018; 48: 552-564.

Dal Palù C, Casiglia E, Pessina AC. The CASTEL (CArdiovascular STudy in the ELderly). Prediction of cardiovascular mortality in a general population aged 65 years or over. WHO Hypertension League Yearbook 2000-2001 (pages 57-58).

De Simone G, Verdecchia P, Schillaci G, Devereux RB. Clinical impact of various geometric models for calculation of echocardiographic left ventricular mass. J Hypertens. 1998 Aug;16(8):1207-14.

Ferreira MS, Aride PHR, Val AL. Could resistance to lactate accumulation contribute to the better swimming performance of Brycon amazonicus when compared to Colossoma macropomum? PeerJ. 2018 Oct 10;6:e5719. doi: 10.7717/peerj.5719. eCollection 2018.

Giordano N, Tikhonoff V, Palatini P, Bascelli A, Boschetti G, De Lazzari F, Grasselli C, Martini B, Caffi S, Piccoli A, Mazza A, Bisiacchi P, Casiglia E. Cognitive functions and cognitive reserve in relation to blood pressure components in a population-based cohort aged 53 to 94 years. Int J Hypertens. 2012; 2012:274851. doi: 10.1155/2012/274851.

Gueyffier F, Bulpitt C, Boissel JP, Schron E, Ekbom T, Fagard R, Casiglia E, Kerlikowske K, Coope J. Antihypertensive drugs in very old people: a subgroup meta-analysis of randomised controlled trials. INDANA Group. Lancet. 1999; 353: 793-796.

Hansen TW, Thijs L, Li Y, Boggia J, Kikuya M, Björklund-Bodegård K, Richart T, Ohkubo T, Jeppesen J, Torp-Pedersen C, Dolan E, Kuznetsova T, Stolarz-Skrzypek K, Tikhonoff V, Malyutina S, Casiglia E, Nikitin Y, Lind L, Sandoya E, Kawecka-Jaszcz K, Imai Y, Wang J, Ibsen H, O'Brien E, Staessen JA. Prognostic value of reading-to-reading blood pressure variability over 24 hours in 8938 subjects from 11 populations. Hypertension. 2010; 55: 1049-1057.

Kuznetsova T, Staessen JA, Reineke T, Olszanecka A, Ryabikov A, Tikhonoff V, Stolarz K, Bianchi G, Casiglia E, Fagard R, Brand-Herrmann SM, Kawecka-Jaszcz K, Nikitin Y, Brand E; European Project On Genes in Hypertension (EPOGH) Investigators. Context-dependency of the relation between left ventricular mass and AGT gene variants. J Hum Hypertens. 2005; 19: 155-163.

Kuznetsova T, Staessen JA, Stolarz K, Ryabikov A, Tikhonoff V, Olszanecka A, Bianchi G, Brand E, Casiglia E, Dominiczak A, Fagard R, Malyutina S, Nikitin Y, Kawecka-Jaszcz K; European Project On Genes in Hypertension (EPOGH) Investigators. Relationship between left ventricular mass and the ACE D/I polymorphism varies according to sodium intake. J Hypertens. 2004; 22: 287-295.

Kuznetsova T, Staessen JA, Thijs L, Kunath C, Olszanecka A, Ryabikov A, Tikhonoff V, Stolarz K, Bianchi G, Casiglia E, Fagard R, Brand-Herrmann SM, Kawecka-Jaszcz K, Malyutina S, Nikitin Y, Brand E; European Project On Genes in Hypertension (EPOGH) Investigators. Left ventricular mass in relation to genetic variation in angiotensin II receptors, renin system genes, and sodium excretion. Circulation. 2004; 110: 2644-2650.

Levey AS, Stevens LA, Schmid CH, Zhang YL, Castro AF 3rd, Feldman HI, Kusek JW, Eggers P, Van Lente F, Greene T, et al. A new equation to estimate glomerular filtration rate. Ann Intern Med. 2009; 150: 604-612.

Mazza A, Pessina AC, Gianluca P, Tikhonoff V, Pavei A, Casiglia E. Pulse pressure: an independent predictor of coronary and stroke mortality in elderly females from the general population. Blood Press. 2001; 10: 205-211.

Mazza A, Pessina AC, Pavei A, Scarpa R, Tikhonoff V, Casiglia E. Predictors of stroke mortality in elderly people from the general population. The CArdiovascular STudy in the ELderly. Eur J Epidemiol. 2001; 17: 1097-1104.

Muiesan ML, Padovani A, Salvetti M, Monteduro C, Poisa P, Bonzi B, Paini A, Cottini E, Agosti C, Castellano M, Rizzoni D, Vignolo A, Agabiti-Rosei E. Headache: Prevalence and relationship with office or ambulatory blood pressure in a general population sample (the Vobarno Study). Blood Press. 2006; 15: 14-19.

Muiesan ML, Pasini G, Salvetti M, Calebich S, Zulli R, Castellano M, Rizzoni D, Bettoni G, Cinelli A, Porteri E, Corsetti V, Agabiti-Rosei E. Cardiac and vascular structural changes. Prevalence and relation to ambulatory blood pressure in a middle-aged general population in northern Italy: the Vobarno Study. Hypertension. 1996; 27: 1046-1052.

Muiesan ML, Salvetti M, Monteduro C, Donato F, Rizzoni D, Agabiti-Rosei E. Various ways of calculating echocardiographic left ventricular mass and their relative prognostic values. J Hypertens. 1998; 16: 1201-1206.

Muiesan ML, Salvetti M, Paini A, Monteduro C, Rosei CA, Aggiusti C, Belotti E, Bertacchini F, Galbassini G, Stassaldi D, Castellano M, Rosei EA. Pulse wave velocity and cardiovascular risk stratification in a general population: the Vobarno study. J Hypertens. 2010; 28: 1935-1943.

Muiesan ML, Salvetti M, Zulli R, Pasini GF, Bettoni G, Monteduro C, Rizzoni D, Castellano M, Agabiti-Rosei E. Structural association between the carotid artery and the left ventricle in a general population in Northern Italy: the Vobarno study. J Hypertens. 1998;16: 1805-1812.

Prandoni P, E.Casiglia, A.Piccioli, A.Ghirarduzzi, V.Pengo, C.Gu, J.D.Douketis. The risk of cancer in patients with venous thromboembolism does not exceed that expected in the general population after the first 6 months. J Thromb Haemost 2010; 8: 1126–1127.

Prandoni P, E.Casiglia, V.Tikhonoff, A.Leizorovicz, H.Decousus. The risk of subsequent cancer and arterial cardiovascular events in patients with superficial vein thrombosis in the legs. Blood 2011; 118: 4719-4722.

Salvetti M, Muiesan ML, Rizzoni D, Bettoni G, Monteduro C, Corbellini C, Viola S, Agabiti-Rosei E. Night time blood pressure and cardiovascular structure in a middle-aged general population in northern Italy: the Vobarno Study. J Hum Hypertens. 2001; 15: 879-885.

Stolarz K, Staessen JA, Kuznetsova T, Tikhonoff V, State D, Babeanu S, Casiglia E, Fagard RH, Kawecka-Jaszcz K, Nikitin Y; European Project on Genes in Hypertension (EPOGH) Investigators. Host and environmental determinants of heart rate and heart rate variability in four European populations. J Hypertens. 2003; 21: 525-535.

Tadic M, Cuspidi C, Bombelli M, Facchetti R, Mancia G, Grassi G. Relationships between residual blood pressure variability and cognitive function in the general population of the PAMELA study. J Clin Hypertens. 2019; 21: 39-45.

Tikhonoff V, Casiglia E. Measuring regional arterial stiffness in patients with peripheral artery disease: innovative technology. Hypert Res. 2013; 36: 191-193.

Tikhonoff V, Casiglia E. Evolving concepts on left ventricular hypertrophy. Eur Heart J 2008; 29: 846-848.

Tikhonoff V, Casiglia E. Rehabilitation after cardiac surgery. EJPC. (DOI: 10.1177/2047487318811694)

Tikhonoff V, E.Casiglia, F.Guidotti, N.Giordano, B.Martini, A.Mazza, P.Spinella, P.Palatini. Body fat and the cognitive pattern: a population-based study. Obesity. 2015; 23: 1502-1510.

Tikhonoff V, Kuznetsova T, Stolarz K, Bianchi G, Casiglia E, Kawecka-Jaszcz K, Nikitin Y, Tizzone L, Wang JG, Staessen JA. beta-Adducin polymorphisms, blood pressure, and sodium excretion in three European populations. Am J Hypertens. 2003; 16: 840-846.

Tikhonoff V, Casiglia E, Gasparotti F, Spinella P. The uncertain effect of menopause on blood pressure. J Hum Hypertens. 2019. doi: 10.1038/s41371-019-0194-y.

Tikhonoff V., E.Casiglia, A.Mazza, R.Scarpa, L.Thijs, A.C.Pessina, J.A.Staessen. Low-density-lipoproteins cholesterol and mortality in the elderly. J Am Geriatr Soc. 2005; 53: 2159-2164.

Tikhonoff V, Palatini P, Casiglia E. Letter by tikhonoff et al regarding article "Dietary fiber intake and risk of first stroke. a systematic review and meta-analysis". Stroke 2013 ; 44: e109.