

Presentations and Publications sponsored by Fundacion Araucaria

Presentations

1. Koch E, Diaz C, Romero T, Manriquez, L Paredes M, Ortuzar E, Taylor A, Roman C, Kirschbaum. “Waist-to-height ratio, the best anthropometric measure to predict all-cause mortality in men and women. A Chilean prospective cohort study: the San Francisco Project”. Presented at the 2007 European Society of Cardiology Scientific Sessions. September 5, 2007. Vienna, Austria.
2. Campos P, Nazzal C, Sanhueza P, Corbalan R, Bartolucci J, Lanas F, Prieto JC, representing the GEMI cooperative study. Department of Multicentric Studies, Chilean Society of Cardiology and Cardiovascular Surgery, School of Public Health, University of Chile. “Impact of AUGÉ Project in the treatment of patients with ST segment elevation acute myocardial infarction in Chilean hospitals”. Presented at the 54th Scientific Sessions of the Chilean Society of Cardiology and Cardiovascular Surgery, and the 4th Chilean-Spanish Society of Cardiology Joint Sessions on December 3, 2007, Viña del Mar, Chile.
3. Koch E, Diaz C, Romero T, Manriquez L, Paredes M. “Impact of traditional risk factors on the relation between education, income and mortality: San Francisco Project”. Presented at the 54th Scientific Sessions, Chilean Society of Cardiology and Cardiovascular Surgery. 54th Chilean-Spanish Society of Cardiology Joint Sessions, December 3, 2007, Viña del Mar, Chile
4. Koch E, Romero T, Akel C, Diaz C, Manriquez L, Paredes M, Taylor A, Roman C, Kirschbaum A. “Proposal of a waist-height nomogram in the prediction of mortality in a Chilean population: results from the San Francisco Project”. Presented at the 54th Scientific Sessions Chilean Society of Cardiology and Cardiovascular Surgery, and the 4th Chilean-Spanish Society of Cardiology Joint Sessions, December 4, 2007, Viña del Mar, Chile.
5. Koch E, Romero T, Manriquez L, Paredes M, Roman C, Taylor A. “Anthropometric indices of adiposity and metabolic risk factors. Proposal of waist-to-height ratio as a simple and useful measure to define visceral obesity in Chilean men”. Presented at the 2008 European Congress on Cardiovascular Prevention (Europrevent), May 2, 2008, Paris, France.
6. Koch E, Romero T, Akel C, Diaz C, Manriquez L, Paredes M, Roman C. “ Impact of cardiovascular risk factors on the relationship between education and mortality. A Chilean prospective cohort study: the San Francisco Project”. Presented at the 2008 World Congress of Cardiology, May 27, 2008, Buenos Aires, Argentina..
7. Koch E, Romero T, Diaz C, Manriquez L, Paredes M, Roman C, Taylor A. “Accuracy of

anthropometric measures of adiposity to predict cardiovascular risk factors in Chilean men and women. The San Francisco Project". Presented at the 2008 World Congress of Cardiology, May 27, 2008, Buenos Aires, Argentina,.

8. Koch E, Romero T, Manriquez L, Taylor A, Paredes M, Roman C. "Impact of cardiovascular risk factors and education on the relationship between income and mortality in a Chilean prospective cohort study: Outlining a "pauper rich paradox" in Latin American countries". Presented at the 136th Annual Meeting American Public Health Association , October 29, 2008, San Diego, California, USA.

9. Saavedra N, Cuevas A, Hernandez A, Jaramillo P, Lanas F and Salazar LA. "AP0A5 Genetic Polymorphisms are associated to hypertriglyceridemia and hyperglycemia in Chilean individuals with or without coronary heart disease". Presented at the 55th Scientific Sessions, Chilean Society of Cardiology and Cardiovascular Surgery, December 1, 2008, La Serena, Chile

10. Koch E, Bravo M, Romero T, Sandoval D. "Comparison of different methods to evaluate physical activity used in epidemiological studies: how should we define sedentary life style?" Presented at the 55th Scientific Sessions, Chilean Society of Cardiology and Cardiovascular Surgery Annual Congress, December 2, 2008, La Serena, Chile.

11. Bravo M, Koch E, Sandoval D, Romero T. "Levels of physical activities in hypertensive patients: an exploratory study in primary care". Presented at the 55th Scientific Sessions, Chilean Society of Cardiology and Cardiovascular Surgery Annual Congress, December 2, 2008, La Serena, Chile.

12. Bravo M, Koch E, Romero T, Sandoval D, Segovia I. "Physical activity and its relation with indicators of health and welfare: a cross sectional study in hypertensive patients". Presented at the 55th Scientific Sessions, Chilean Society of Cardiology and Cardiovascular Surgery Annual Congress, December 2, 2008, La Serena, Chile.

13. Koch E, Sandoval D, Manriquez L, Enriquez O. "Hypoalgesia associated to hypertension: a retrospective cohort of Chilean hypertensive patients". 55th Scientific Sessions, Chilean Society of Cardiology and Cardiovascular Surgery Annual Congress, December 3, 2008, La Serena, Chile.

14. Koch E, Romero T, Romero C. "Impact of behavioural and biologic cardiovascular risk factors on the relationship between stature and all-cause mortality: 8-years follow-up study in a cohort of Chilean adults". Presented at the 2009 European Congress of Cardiology, August 2009, Barcelona, Spain.

15. Koch E, Bravo M, Romero T, Sandoval D, Enriquez O, Segovia I "Hypertension-related hypoalgesia: a retrospective cohort study in a hypertensive population under pharmacologic

treatment”. Presented at the 2009 European Congress of Cardiology, August 2009, Barcelona, Spain.

16. Prieto JC, Witker D, Nazzari C, Corbalan R, Cavada G, Sanhueza P, Lanas F, Bartolucci J, Campos P, from the GEMI Group, Multicentric Study Group of Myocardial Infarction (GEMI), Chilean Society of Cardiology and Cardiovascular Surgery. “Changes in the treatment of acute myocardial infarction and its relation to changes in the inpatient hospital mortality in Chile” Presented at the 56th Scientific Sessions of the Chilean Society of Cardiology and Cardiovascular Surgery, December 2009, Viña del Mar, Chile.

17. Koch E, Romero T, Romero CX, Bravo C, Henriquez O, Sandoval D, Segovia I, Niveló M. ‘Hypertension and hypoalgesia. Analysis of data from a universe of 392,000 hypertensive patients under antihypertensive treatment’. Presented at the 2010 World Congress of Cardiology, June 17, 2010, Beijing, China.

18. Bravo M, Romero T, Sandoval D, Romero C, Henriquez O, Urrutia L, Oyarzun E, Segovia I, Koch E. “Physical activity levels and hypertension in a developing country: a Chilean exploratory study of 509 patients”. Presented at the 2010 World Congress of Cardiology, June 17, 2010, Beijing, China.

19. Koch E, Romero T, Romero CX, Manríquez L, Paredes M, Ahumada C, Aguilera H. ‘Impact of height on cardiovascular risk factors and all-cause mortality: A prospective study in a cohort of Chilean adults’. Presented at the 2010 World Congress of Cardiology, June 17, 2010, Beijing, China.

20. Koch E, Romero T, Castaneda H, Romero CX, Sandoval D, Bravo M. ‘Height and Education, early life markers of mortality in Chilean adults’. Presented at the 57th Scientific Sessions Chilean Society of Cardiology and Cardiovascular Surgery, December 2, 2010, Santiago, Chile.

21. Romero CX, Bravo M, Romero T, Sandoval D, Koch E. “Physical activity and blood pressure control: a study in Chilean hypertensive patients”. Presented at the 57th Scientific Sessions Chilean Society of Cardiology and Cardiovascular Surgery, December 3, 2010, Santiago, Chile.

22. Sanhueza E, Luksic I. “Correlation of R wave amplitude and stress test sensitivity in patients with severe coronary heart disease.”. Presented at the 57th Scientific Sessions of the Chilean Society of Cardiology and Cardiovascular Surgery, December 2, 2010, Santiago, Chile.

23. Koch E, Romero T, Carreno A, Sandoval D, Romero CX, Bravo M, Diaz A, Muñoz R. “Hypoalgesia in Hypertension and Diabetes: a study in a Chilean cohort of hypertensive patients”. Presented at the 57th Scientific Sessions of the Chilean Society of Cardiology and Cardiovascular Surgery, December 2, 2010, Santiago, Chile.

24. Romero CX, Romero TE, Shlay J, Ogden LG, Dabelea D. "Changing trends in the Prevalence and Disparities in Obesity and other Cardiovascular Disease Risk Factors in three Racial/Ethnic groups of USA Adults". Presented at the American College of Cardiology 60th Scientific Sessions, April 4, 2011, New Orleans, Louisiana, USA.
25. Koch E, Bravo M, Romero CX, Sandoval D, Romero T. "Daily physical activity and blood pressure control in hypertensive patients followed in primary care centers in Chile". Presented at the 2011 European Society of Cardiology, August 30, 2011, Paris France.
26. Koch E, Romero T, Sandoval D, Bravo M, Gatica S. "Is height an independent marker of metabolic syndrome in a developing society? A cross-sectional study of 22,180 Chilean adults". Presented at the 2011 European Society of Cardiology, August 30, 2011, Paris, France.
27. Bravo M, Koch E, Sandoval D, Romero T, Chacon J, Garrido J, Cano M, Henriquez O, Segovia I. "Relation between different modalities of physical activity and oxygen consumption in sedentary hypertensive women". Presented at the 58th Scientific Sessions, Chilean Society of Cardiology and Cardiovascular Surgery, December 4, 2011, Viña del Mar, Chile.
28. Koch E, Romero T, Sandoval D, Bravo M, Gatica S. "Height and metabolic risk in the Chilean population: a saving phenotype programmed in the early development?" Presented at the 58th Scientific Sessions, Chilean Society of Cardiology and Cardiovascular Surgery, December 4, 2011. Viña del Mar, Chile.
29. Sandoval D, Koch E, Bravo M, Romero T, de la Torre F, Gatica S, Moral M, Vargas P, Jara C. "Blood pressure control and psychosocial predictors of therapeutic adherence to pharmacological therapy". 58th Scientific Sessions, Chilean Society of Cardiology and Cardiovascular Surgery, December 4, 2011, Viña del Mar, Chile.
30. Nazzari C, Alonso F. "Young women have an increased mortality risk after an acute myocardial infarction". Presented at the 58th Scientific Sessions, Chilean Society of Cardiology and Cardiovascular Surgery, December 4, 2011, Viña del Mar, Chile.
31. Winter JL, Gabrielli L, Ocaranza MP, Mora I, Garcia L, Mc-Nab P, Godoy I, Braun S, Cordova S, Castro P, Novoa U, Rigotti P, Padilla I, Chiong M, Lavandero S, Jalil J. "Hypertensive Patients with high cardiovascular risk present higher RHO-Kinase in circulating leukocytes as compared to hypertensive patients with moderate cardiovascular risk". Presented at the 58th Scientific Sessions, Chilean Society of Cardiology and Cardiovascular Surgery, December 4, 2011, Viña del Mar, Chile.
32. Sandoval D, Koch E, , Bravo M, Romero T, de la Torre F, Gatica S, Moral M, Vargas P "Influence of Psychosocial factors in the Blood Pressure Control and Adherence to Drug Therapy in Hypertensive patients". Presented at the American Heart Association Epidemiology and Prevention/Nutrition, Physical Activity and Metabolism 2012 Scientific

Sessions (AHA EPI/NPAM 2012), March 14, 2012. San Diego, California, USA.

33. Bravo M, Koch E, Romero CX, Sandoval D, Romero T. “Predictive Value of the International Physical Activity Questionnaire of the Aerobic Capacity in Sedentary Hypertensive Women”. Presented at the American Heart Association Epidemiology and Prevention/Nutrition, Physical Activity and Metabolism 2012 Scientific Sessions (AHA EPI/NPAM 2012), March 14, 2012. San Diego, California, USA.

34. Romero T, Velez P, Glaser D, Romero CX. “Improvement in quality of care indicators in the management of Acute Myocardial Infarction in Hispanics”. Presented at the American Heart Association Epidemiology and Prevention/Nutrition, Physical Activity and Metabolism 2012 Scientific Sessions (AHA EPI/NPAM 2012), March 14, 2012. San Diego, California, USA.

35. Romero T, Velez P, Glaser D, Romero CX. “Improved Gender and Hispanic disparities in the management of Acute Myocardial Infarction in the United States”. Presented at the 2012 World Heart Congress of Cardiology Scientific Sessions, April 18, 2012, Dubai, United Arab Emirates.

36. Sandoval D, Bravo, M, Koch E, Gatica S, Ahlers I, Henriquez O, Romero T. “Factors Influencing Blood Pressure Control and Therapeutic Adherence in a Comprehensive Hypertension Management Program”. Presented at the American Heart Association 2012 Scientific Sessions. November 6, 2012. Los Angeles, California, USA

37. Acevedo M, Varleta P, Kramer V, Quiroga T, Prieto C, Parada J, Adasme M, Briones L, Navarrete C. “Comparison of fosfolipase a2 associated to lipoproteine and ultrasensible c-reactive proteine as determinants of metabolic syndrome in subjects without coronary heart disease”. Presented at the 59th Scientific Sessions, Chilean Society of Cardiology and Cardiovascular Surgery, December 3, 2012. Concepcion, Chile.

Publications

1. Romero T: Cardiac Rehabilitation as a first step in the secondary prevention of coronary artery disease. Rev Med Chile 2000; 128:787-798.

2. Varas G, Valenzuela JL, Guarda E, Ferrada C, Rigotti A, Schultz M, Hernandez D, Cereceda MP, Casanegra A, Villalobos AM, Giglio MS. Effects of Porphyromona gingivalis periodontal infection upon atherosclerosis development in apolipoprotein-E deficient mice. Rev Chil Cardiol 2005; 22: 197-203.

3. Koch E, Otarola A, Romero T, Manriquez L, Kirchbaum A : Inequality, inequity, and cardiovascular risk factors in Chile: a present challenge. *Rev Chil Cardiol* 2005; 24:280-289.
4. Koch E, Otarola A, Romero T, Kirschbaum A, Ortuzar E: Popperian epidemiology and the logic of bi-conditional modus tollens arguments for refutational analysis of randomized controlled trials. *Med Hypotheses*; 2006; 67(4):980-8.
5. Romero T: Let us rehabilitate cardiac rehabilitation.(Editorial) *Rev. Chile Cardiol* 2006; 25:51-55.
6. Romero T: Paffenbarger, R., MD (1923-2007), Physical activity and death for heart attack: protection or selection? (Editorial) *Rev. Chile Cardiol* 2007; 26:467-469
7. Koch E. , Romero,T., Manríquez L., Paredes M., Ortúzar E., Taylor A, Román C, Kirschbaum A, Díaz C. Socioeconomic and educational inequities as independent predictors for mortality in a developing country. A cohort study in San Francisco, Chile. *Rev Med Chile* 2007; 135: 1370-1379.
8. Koch E, Diaz C, Romero T, Kirshbaum A, Manriquez L, Paredes M, Taylor A, Roman C. Waist-to-height ratio to predict mortality in Chilean adults: an 8 year follow-up study. *Rev Chil Cardiol* 2007; 26: 415-428.
9. Koch E, T. Romero, C. Diaz, L, Manriquez M, Paredes, C. Roman, A. Taylor. Accuracy of anthropometric measures of adiposity to predict cardiovascular risk factors in Chilean men and women. The San Francisco Project . *Circulation* 2008; 117: 19- e379
10. Koch E, Romero T, Akel C, Diaz C, Manriquez L, Paredes M, Taylor A, Kirchbaum A. Impact of cardiovascular risk factors on the relationship between education and mortality. A Chilean prospective cohort study: the San Francisco Project. *Circulation* 2008; 117: 19- e188.
11. Romero T. Cardiovascular risk control: the forest before the trees. (Editorial) *Rev Chil Cardiol* 2008; 27: 510-513.
12. Koch E, Bogado M., Araya F, Romero T, Diaz C, Manriquez L, Paredes N, Roman C, Taylor A, Kirschbaum A. Impact of parity on anthropometric measures of obesity controlling by multiple confounders: A cross sectional study in Chilean women. *J. Epidemiol Community Health* 2008;62:461-470.
13. Koch E, Romero T, Manriquez L,Taylor A, Roman C, Paredes M, Diaz C, Kirshbaum A. Height-waist ratio: a better anthropometric cardiovascular risk and mortality predictor in Chilean adults. A diagnostic nomogram utilized in the San Francisco Project. *Rev Chil Cardiol* 2008;27:23-25.

14. Romero T. Modifiable Cardiovascular risk factors: which are we really modifying? (Review Article). *Rev Med Chile* 2009; 137:1503-1506.
15. Romero T. Socioeconomic Position, Health and Life Expectancy: Heart Failure as an example (Editorial). *Rev Chil Cardiol* 2009; 470-471.
16. Romero, T: Towards a definition of Sedentary Lifestyle (Review Article) *Rev Chil Cardiol* 2009;27:79-81.
17. Koch E, Romero, T, Romero CX, et al. Impact of behavioral and biologic cardiovascular risk factors on the relationship between stature and all-cause mortality: 8-years follow-up study in a cohort of Chilean adults. *Eur Heart J* 2009;30(suppl):153.
18. Koch E, Romero T, Romero C, Akel C, Manriquez L, Paredes M, Roman C, Taylor A, Vargas M, Kirschbaum A. Impact of education, income and chronic disease risk factors on mortality of adults: does 'a pauper-rich paradox' exist in Latin American societies? *Public Health* 2010;124:39-48.
19. Romero T, Romero CX. Stagnant Cardiovascular Prevention: alarming trends and persistent socio-economic hurdles (Review article). *Rev Esp Cardiol* 2010;63:1340-48.
20. Koch E, Romero T, Romero C, Aguilera H, Paredes M, Vargas M, Ahumada C. Early life and adult socioeconomic influences on mortality risk: preliminary report of a 'Pauper Rich' paradox in a Chilean adult cohort. *Ann Epidemiol.* 2010; 20:487 -92.
21. Romero, T. The measuring tape as a predictive tool: waist/height ratio, metabolic syndrome and cardiovascular risk (Editorial). *Rev Chil Cardiol* 2010; 29:353-355.
22. Romero CX, Romero T, Ogden LG, Shlay JC, Dabelea D. Trends in the prevalence of Cardiovascular Disease Risk Factors among USA adults, by Race/Ethnicity, NHANES 1988–1994 and 1999–2004. *Circulation* 2010;122: e359.
23. Bravo M, Romero T, Sandoval D, Romero C, Henriquez O, Urrutia L, Oyarzun E, Segovia I, Koch E. Physical activity levels and hypertension in a developing country: a Chilean exploratory study of 509 patients. *Circulation* 2010 ; 122: e 65
24. Koch E, Romero T, Romero C, Bravo M, Henriquez O, Sandoval D, Segovia I, Nivelto M, Oyarzun E. Hypertension and Hypoalgesia: analysis of data from a universe of 392,000 hypertensive patients under antihypertensive treatment. *Circulation* 2010; 122: e281
25. Koch, E, Romero T, Romero C, Manriquez L, Paredes M, Ahumada C, Aguilera H. Impact of Height on Cardiovascular Risk Factors and All-Cause Mortality: A prospective study in a cohort of Chilean Adults. *Circulation* 2010; 122:e177.

26. Koch E, Romero T, Sandoval D, Romero CX, Bravo MA, Henriquez O, Urrutia L. Is Height an Independent Marker of Metabolic Syndrome in a Developing Society?. A Cross-sectional Study of 22,180 Chilean Adults.. *European Heart Journal* 2011; 32(abstract suppl): 711-712.
27. Bravo M, Romero CX, Romero T, Koch E, Sandoval D, Cano M, Ahlers I, Henriquez O, Gajardo A.J. Daily Physical Activity and Blood Pressure Control in Hypertensive Patients Followed in Primary Care Centers in Chile. *European Heart Journal* 2011; 32(abstract suppl): 887-888.
28. Koch E, Romero T, Bravo M, Sandoval D. et al. Coexisting Diabetes and Hypertension Reduced Frequency of Musculoskeletal Pain Visits: Suggestions of a Synergic Hypoalgesic Effect in a Cohort of 1,194 Hypertensive Patients. *Circulation*. 2011; 124: A12027.
29. Koch E, Bravo M, Romero CX, Diaz A, Castaneda H, Aguilera H, Niveló M, Romero T. Height, an early life predictor of cardiovascular risk factors and mortality in Chilean adults: The San Francisco Project Cohort Study. *Rev Chil Cardiol* 2011; 30: 198-206.
30. Romero CX, Romero T, Ogden LG, Shlay JC, Dabelea D. Changing trends in the prevalence and disparities of obesity and other Cardiovascular Disease Risk Factors in three Racial/Ethnic groups of USA Adults. *Advances in Preventive Medicine* Volume 2012 , Article ID 172423, doi:10.1155/2012/172423.
31. Romero, T. ¿What is the cardiovascular risk of the asymptomatic adult? (Review article). *Rev Chil Cardiol* 2012; 31: 134-141.
32. Sandoval D, Bravo, M Koch E, Gatica S, Ahlers I, Henriquez O, Romero T. Overcoming barriers in the management of Hypertension: the experience of the Cardiovascular Health Program in Chilean primary Health Care Centers. *International Journal of Hypertension* Volume 2012, Article ID 405892, doi:10.1155/2012/405892.

