

“HEALTHY DUBEČ” – DESIGN OF A JOINT CZECH-AMERICAN COMMUNITY PROJECT FOR THE REDUCTION OF CARDIOVASCULAR AND CEREBROVASCULAR DISEASE (Adapted from American Experience)

L. Komárek¹, V. Kebza¹, L. Lhotská¹, K. Ošancová¹, J. Janovská¹, J. Okénková¹, Z. Roth¹, J. Vignerová¹,
J. Potočková¹, R. J. Havel², C. L. Albright³, J. W. Farquhar³, R. Poledne⁴, M. Anděl⁵, J. Málková⁵, P. Kraml⁵,
H. Bartáková⁵, D. Heřman⁵, S. Palmer⁶, I. Staňková⁷

¹ National Institute of Public Health, Prague, Czech Republic

² Cardiovascular Research Institute, University of California, San Francisco, USA

³ Stanford Center for Research in Disease Prevention, Stanford University, Palo Alto, USA

⁴ Institute of Clinical and Experimental Medicine, Prague, Czech Republic

⁵ Second Medical Clinic of the Third Medical Faculty of Charles University, Prague, Czech Republic

⁶ Central European Center for Health and the Environment, Berlin, Germany

⁷ Pediatric Clinic, Teaching Hospital Královské Vinohrady, Prague, Czech Republic

SUMMARY

The project is a combination of individual and community-based intervention which adapted and modified methods and techniques originally used in The Three-City Community Study and The Stanford Five-City Project in a small community outside Prague. The goal is to reduce cardiovascular and cerebrovascular risk factors by primary and secondary prevention, using a community-based approach. 61.5 % of examined population with the low risk score during the baseline survey was exposed to intervention by community-based methods. 38.5 % of adult population was included in intervention activities within the framework of secondary prevention in high risk groups. There are described: the method of community oriented intervention and the intervention oriented on high risk groups – nutrition intervention, quit smoking activities, stress control, physical activity promotion.

Key words: cardiovascular and cerebrovascular diseases, primary and secondary prevention

Address for correspondence: V. Kebza, National Institute of Public Health, Šrobárova 48, 100 42 Prague 10, Czech Republic