

Documents

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Gender differences in risk factor management and pharmacological treatment among CHD patients: Belgian results of the EUROASPIRE IV and EUROASPIRE V surveys

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Abstract

Aims: The aim of this study was to provide an up-to-date overview of gender differences or similarities in risk factor control and medical management in the Belgian CHD population. **Methods:** All analyses are based on the ESC EORP EUROASPIRE IV and EUROASPIRE V (European Survey Of Cardiovascular Disease Prevention And Diabetes) surveys. Patients between 18 and 80 years old, hospitalised for a first or recurrent coronary event, were included in the survey. **Results:** Data were available for 10,519 patients, of which 23.9% were women. Women had a worse risk factor profile compared to men. Women were more physical inactive (OR = 1.31, 95% CI = 1.19–1.44), had a higher prevalence of obesity (OR = 1.37, 95% CI = 1.25–1.50) and had a worse LDL-C control (OR = 1.52, 95% CI = 1.36–1.70). Moreover, women were less likely to use ACE-I/ARBs (OR = 0.84, 95% CI = 0.76–0.94) and statins (OR = 0.79, 95% CI = 0.70–0.90). In addition, little gender differences were found in patients' risk factor awareness, except on cholesterol awareness. Women were more aware about their total cholesterol levels (OR = 1.37, 95% CI = 1.21–1.56). **Conclusion:** Despite little to no gender differences in the management of CHD patients, women still have a worse risk factor profile, both in Belgian and in other European high-income countries. © 2023 Belgian Society of Cardiology.

Author Keywords

awareness; coronary heart disease; EUROASPIRE; gender; pharmacological treatment; risk factors

Index Keywords

acetylsalicylic acid, angiotensin receptor antagonist, antithrombotic agent, cholesterol, dipeptidyl carboxypeptidase inhibitor, hemoglobin A1c, hydroxymethylglutaryl coenzyme A reductase inhibitor, low density lipoprotein cholesterol, angiotensin receptor antagonist; adult, aged, Article, awareness, body weight, coronary artery disease, cross-sectional study, diabetes mellitus, diastolic blood pressure, female, glucose blood level, health survey, high income country, human, major clinical study, male, middle income country, obesity, physical activity, prevalence, retrospective study, risk factor, risk management, sex difference, smoking, systolic blood pressure, total cholesterol level, waist circumference, adolescent, Belgium, coronary artery disease, Europe, middle aged, very elderly, young adult; Adolescent, Adult, Aged, Aged, 80 and over, Angiotensin Receptor Antagonists, Angiotensin-Converting Enzyme Inhibitors, Belgium, Cholesterol, Coronary Disease, Europe, Female, Humans, Male, Middle Aged, Risk Factors, Young Adult

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