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Cardiovascular disease as a significant medical problem in emergency departments

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A sense of security is an overarching and principal value that must be guaranteed so that people could develop themselves properly in every aspect of life. Safety in the field of health is very important, especially in situation when health or even human life suddenly deteriorates. Hospital Emergency Departments (which belong to the National Medical Rescue System) are ready 24 hours a day and seven days a week to provide healthcare in emergency states. They are the major link of the whole health care system in Poland. In the years 2010-2013 functioned from 208 to 222 Hospital Emergency Departments (EDs) in Poland. One of them was the ED in Infant Jesus Clinical Hospital, located in the center of the country's capital-Warsaw. For four years medical assistance in this ED obtained 85926 patients (in 2010-17899 patients, in 2011-19766, in 2012-23516 and in 2013-24745). Significant and serious reasons of admission were diseases and ailments from the circulatory system (cardiovascular diseases). In 2010, they amounted to 6.5% of all admissions to the ED, in 2011- 7.1%, in 2012-6.5%, in 2013-6.4%. More often admitted women (54.8%) than men. Most often people were registered to ED because of chest pain (27.0% of all patients with ailments and cardiovascular diseases - within four years). Another reason for the admission to the ED was hypertension (in 2010-278, in 2012 grew to 347), inflammation and thrombophlebitis (2010-147, in 2013-228), atrial fibrillation and atrial flutter (in 2010-103, in 2013-152). Hospital emergency departments are the destination for patients whose health suddenly deteriorated and require specialized/highly specialized health aid. Cardiovascular diseases always pose a major health problem in emergency departments but the phenomenon of the growing number of people with these symptoms indicates new challenges that await the health care system.

Biography

Ewelina Janczewska completed his Bachelor's Degree in Medical Emergency. After that, she obtained Master's Degree in Public Health. She is pursuing PhD in Department of Emergency Medicine - Medical University of Warsaw since 2013. She teaches students the directions of medical and health sciences. She teaches first aid and treatment in sudden cardiac arrest (BLS, ALS). She is the Author of scientific publications; and is actively involved in many international conferences and congresses.

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