

ABSTRACT

The diploma thesis addresses the historical development of interventional cardiology, an important field of medicine, which improves the prognosis and quality of life of patients with cardiovascular diseases.

The goal of the work is to describe the evolution of interventional cardiology from humble beginnings to present day and to point out important events and historical moments which led to breakthroughs in cardiology and to demonstrate the role of nurses, important members of catheterization laboratory teams.

Several sources were analyzed in this theoretical work, mainly articles from scientific journals and textbooks, the gathered information was complemented by interviews with medical professionals witnessing the origins of interventional cardiology in Czech Republic.

The result of the thesis is an overview of the development of interventional cardiology since the demanding first steps, through the performance of the first coronary angioplasty to the wide array of diagnostic and therapeutic procedures replacing some of the cardiac surgery procedures of the present day.

keywords: interventional cardiology, heart catheterization, percutaneous coronary intervention, intensive care