

STATEMENT

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Appointed as a member of the Scientific Jury by Order No. R-109-428 of
04.12.2024 of the Rector of Medical University «Prof. Dr. Paraskev Stoyanov» –
Varna

Subject: Procedure for acquiring the educational and scientific degree "Doctor"
of **Teodora Radeva Dimitrova** - doctoral student in full-time
education

on the topic:

**"Competencies and activities of the nurse as part of the invasive cardiology
team"**

in the field of higher education 7. Health care and sports, professional field 7.4.
Public health under the doctoral program "Health Care Management" at the
Department of "Health Care" of Medical University - Varna.

The dissertation work developed by Asst. Teodora Dimitrova is aimed at
researching and analyzing the basic competencies of the angiographic nurse as
part of the invasive cardiology team, her role, tasks, training, responsibility and
specificity of the activities.

The dissertation work is structured in 147 pages and includes five
chapters: chapter one - Literature review - relevance of the problem; chapter
two - Purpose, tasks and methodology; chapter three - results and discussion;
chapter four - Model of a modern invasive cardiology nurse; chapter five -
conclusions, contributions, suggestions and recommendations.

The literature analysis provides a characterization of acute myocardial infarction, classification and causes of its occurrence. The essence and importance of selective coronary angiography are presented, and they are also considered in historical terms. The doctoral student emphasizes specific nursing care in the catheterization room.

The purpose and working hypotheses of the dissertation are specific, clearly and correctly formulated. The eight tasks set logically follow from the goal, allowing for good implementation of the planned study. The methodology of the study is thoroughly described, all elements and stages of the study are correctly and in detail indicated.

Three groups of respondents were covered: patients hospitalized on a planned basis in an invasive cardiology clinic (130 respondents); nurses (35 respondents) and experts (31 respondents). The used methods are: sociological, experimental and statistical. The results of the study are presented visually and analytically in chapter three. The dissertation work contains 61 figures, 19 tables and 6 appendices. The used literature includes 171 sources, of which 45 in Cyrillic, 104 in Latin and 23 Internet sources.

The obtained results are analyzed and synthetically presented in well-formulated conclusions. A scientific style and language were used to reveal the problems. According to the presented data, every third of the patients is in active working age (from 51 to 60 years old), and 62.3% of them need to communicate with the nurse during the invasive examination and 66.2% sharing that this communication reduces their anxiety.

Nurses believe that prior training is necessary for working in an angiography room (92%). Due to the scarcity of specialized literature for nurses in this area, 86% of them have been trained in a real work environment.

Experts indicate the need to introduce a specialization „Invasive Cardiology Nurse“ (61.3%) and „Protocol for the Activities of the Invasive Nurse“ (93.5%).

As a result of the analyzed data and her rich practical experience, Asst. T. Dimitrova presents a well-reasoned **„Model of the Modern Invasive Cardiology Nurse“** and **„Protocol for the Activities of the Invasive Nurse“**. An experiment has been conducted and prove the efficiency of the Protocol.

Asst. Teodora Dimitrova graduated as a "nurse" at the PMI - Shumen in 1997. Later, she completed a bachelor's degree in "Social Pedagogy" at the Shumen University "Episkop Konstantin Preslavski" and a master's degree in "Health Care Management" at the Medical University "Prof. Dr. Paraskev Stoyanov" - Varna. Asst. Dimitrova has 23 years of work experience as a nurse. Since 2020, she has been appointed as a lecturer at the Medical University of Varna. She leads classes in the following disciplines: Philosophy and Introduction to Nursing Care; Nursing Care for Patients with Surgical Diseases; Nursing Care for Patients with Somatic Diseases; Nursing Care for Children and Adults with Disabilities; Nursing Care in Resuscitation and Intensive Therapy; Nursing Care for Patients with Oncological Diseases; Nursing Care for a woman in labor and a Newborn.

The submitted abstract for the dissertation work contains the main elements of the conducted research. The results are clearly presented and thoroughly analyzed. Three publications related to the dissertation are presented, two of which she is an independent author, and the third one is the first author.

In conclusion, I consider that the dissertation work developed by Teodora Dimitrova on the topic: **"Competencies and activities of the nurse as part of the invasive cardiology team"** has significant contributions and shows

deep interests of the doctoral student on the topic. I give a **positive assessment** of the developed dissertation work and recommend to the esteemed members of the Scientific Jury to make a decision to award **Asst. Teodora Radeva Dimitrova** the **educational and scientific degree "Doctor"** in the field of higher education 7. Health and Sports, professional field 7.4. Public Health, in the doctoral program "Health Care Management"

01/23/2025
Sofia

Prepared by:

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