

REVIEW

By: **Assoc. Prof. Dr. Maria Angelova Angelova, d.m.**

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Department of „Obstetrics and Gynecology”

Regarding: the dissertation work of **Dr. Vilislava Robert Ivanova on the topic:**
“Prophylactic ultrasound examination- method for detection of asymptomatic pathologies in gynaecology”

For the acquisition of a scientific and educational degree "Doctor" Scientific supervisor: Prof. Dr. Emil Georgiev Kovachev, Ph.D.

I. Summary data about the applicant

Dr. Vilislava Robert Ivanova was born in 1983. in the city of Varna. He completed his secondary education at the V language high school "Ioan Exarch" with the study of French. In 2012 completed his higher education at Medical University - Varna, majoring in "Medicine". Since 2013 she is a specialist in Obstetrics and Gynaecology at the Medical University - Varna with a training base SBAGAL - Varna, acquired a specialty in AG in 2019. After successfully winning a competition in 2016, she is a regular assistant in the Department of Obstetrics and Gynaecology. Dr. Ivanova has held the positions of assistant in the Department of Ancestry at the Medical University - Varna and an Ancestry doctor in SBAGAL - Varna, Department "Maternity" since 2016. until 2024 Dr. Vilislava Ivanova has excellent levels of written and spoken English, German and French. Member of: BLS, BAMIGH, ISOUG, BAUAG, BDAG.

Dr. Ivanova's dissertation contains 116 pages and is illustrated with 5 figures and 27 tables. A reference to scientific contributions, a list of publications related to the topic of the work is attached. The cited bibliography covers 228 literary sources, 9 in Cyrillic and 219 in Latin.

The dissertation is structured according to established requirements.

II.Relevance of the topic

Gynaecological diseases affect millions of women worldwide and have a significant impact on their reproductive health. Early and accurate diagnosis is critical for effective treatment and improved outcomes. Ultrasound technology has revolutionized the field of gynecology, allowing doctors to visualize and diagnose various conditions with remarkable accuracy.

In the literature review, Dr. Ivanova systematized and discussed the current discussion opinions. The analysis of literary data clearly emphasizes the relevance of the treated problems. The formulation of the set goals and tasks based on the analysis of the literature data are the basis for the analysis and interpretation of the obtained results.

Goal setting and tasks are clear. The aim is to investigate the diagnostic value of pathological ultrasound findings of the female reproductive system in asymptomatic and symptomatic women. Formulated tasks are 6 in number.

In the "**Materials and methods**" section, the main groups of the working material are specifically and accurately identified. The dissertation was prepared on the basis of a study conducted at SBAGAL "Prof. Dr. D. Stamatov" EOOD - Varna, for the period September 1, 2020. until 30.09.2022 The study is retrospective in nature. The author specifies very precisely the inclusion and exclusion criteria, which is an approach that guarantees exactly the maximum credibility of the subsequent conclusions. Statistical processing is based on primary data processing, statistical analysis and graphical representation.

The "**Results and discussion**" section is presented in accordance with the set tasks of the dissertation, which makes the presented data more transparent. The results are summarized in simplified tables and graphs that illustrate the author's conclusions.

In conclusion, Dr. Ivanova emphasizes that the application of ultrasound diagnostics is a convincing advantage when conducting prophylactic examinations for gynaecological diseases. Transvaginal ultrasonography is a cheap, safe and non-invasive method with no risks or side effects.

As a result of the analysis, **5 conclusions were formulated** in the proposed dissertation work.

Notes and recommendations:

The bibliography covers 228 literary sources, shows a broad overview of the experience on the subject in world literature. This is a serious basis for the correct formulation of the goals and tasks of the scientific work, as well as the interpretation of the obtained results.

As a contribution of an original nature, I believe that the following should be highlighted:

1. For the first time in Bulgaria, a regional prophylactic ultrasound examination of women with gynaecological diseases was carried out.

The rest of the contributions mentioned by the dissertation have a confirmatory nature.

III. Conclusion

The dissertation work presented by Dr. Vilislava Robert Ivanova fulfills the criteria for a scientific work with a clinical and practical orientation in terms of development, implementation methods, content and form of presentation.

The author's conclusions are well-illustrated in the text with figures, diagrams and tables. The judgment is that the dissertation student has successfully coped with the assigned tasks.

In general, it is clear from the above that:

1. The set goal and tasks of the considered problem have been successfully solved.
2. The development, summary and conclusions in the dissertation work in many points are theoretically and practically useful.
3. The final result of the work is undoubtedly positive and represents a serious scientific and practical contribution.

The presented dissertation work on the topic "Prophylactic ultrasound examination - method for detecting of asymptomatic pathologies in gynaecology" has the qualities of a dissertationable scientific work, which is why I give my completely positive assessment.

I propose to the esteemed Scientific Jury to vote positively for awarding the ONS "Doctor" in the scientific specialty "Obstetrics and Gynaecology" to Dr. Vilislava Robert Ivanova.

16.09.2024

Stara Zagora

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PREPARED by

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