SCIENTIFIC OPINION

by Assoc. Prof. Pavel Petrov Dobrev, MD,
PhD Member of the Scientific Jury,
appointed by the Order of the
Rector of MU-Varna

Regarding: Dissertation for the award of the educational and scientific degree "DOCTOR" (PhD)

Author: Dr. Boyan Hristov Georgiev

Topic: "Comparative Analysis of Techniques for Opening the Anterior Abdominal Wall in Cesarean Section: Misgav Ladach and Pfannenstiel"

Scientific Major: "Obstetrics and Gynecology"

Supervisor: Prof. Emil Kovachev, MD, PhD, DSc

Relevance of the Topic: The dissertation submitted by Dr. Boyan Georgiev addresses a highly significant and relevant issue in modern obstetrics. In the context of the continuously increasing frequency of Cesarean sections, the search for an optimal surgical approach that ensures speed, safety, and minimization of postoperative complications is of priority importance for clinical practice.

General Characteristics of the Dissertation

The dissertation consists of 110 pages and is structured according to academic standards. It includes 21 graphs, 26 tables, and 14 figures illustrating the results in detail. The bibliography includes 204 sources, demonstrating a thorough review of the literature on the subject.

Methodology of the Study

The study is retrospective-prospective and includes 327 patients for the period 2019-2023 at the "Prof. Dr. D. Stamatov" Hospital – Varna. The methodology is well-chosen, with correctly formed comparison groups. The statistical methods used are precise and ensure the reliability of the conclusions drawn.

Main Scientific Contributions

The candidate proves the objective advantages of the Misgav Ladach technique over the Pfannenstiel method:

Time Indicators: Significant reduction in time to fetal extraction (average 2.0 min) and total operative duration.

Clinical Indicators: Lower blood loss and faster recovery of intestinal peristalsis were established.

Economic Aspect: The effectiveness of the method is justified through the reduction of surgical instruments and supplies.

Conclusion

The dissertation of Dr. Boyan Hristov Georgiev possesses all the necessary qualities and scientific merits. The results achieved represent a valuable contribution to operative gynecology and obstetrics.

Based on the above, I give my positive assessment and propose to the Scientific Jury to award Dr. Boyan Hristov Georgiev the educational and scientific degree "DOCTOR" (PhD).

Заличено на основание чл. 5, §1, б. „В“ от Регламент (ЕС) 2016/679

Date: .....

SIGNATURE

City: Varna

(Assoc. Prof. Pavel Dobrev, MD, PhD)