

To
The chairman of the scientific jury,
approved by Order № 244 of 01.06.2021 of the Executive
Director and Procurator of Acibadem City Clinic, Tokuda
University Hospital EAD

REVIEW

by Assoc. Prof. Dr. Nikola Bozhilov Vassilev, MD, PhD
Lecturer in Obstetrics and Gynecology at the Medical Faculty of
Sofia University "St. Kliment Ohridski",

in connection with a competition for the academic position of "Associate Professor" in
the field of higher education 7. Health and Sports, in professional field 7.1. Medicine and
scientific specialty 03.01.45 "Obstetrics and gynecology" for the needs of the Clinic of
General and Oncological Gynecology, Pelvic Surgery and Obstetrics of Acibadem City
Clinic, Tokuda University Hospital, announced in SG, issue 27 of 02.04.2021 .

One candidate is participating in the current competition: Dr. Suzana Fauzi Nashar, PhD. The
candidate has submitted all the documents provided for in the Law for the Development of the
Academic Staff in the Republic of Bulgaria (ZRASRB) and the regulations for its
implementation, in good condition.

CANDIDATE BIOGRAPHY AND CAREER PROFILE

Dr. Suzana Nashar was born on October 1, 1970 in Sofia. She graduated medicine at the Higher
Medical Institute - Sofia in 1994. From 1995 to 1999 she was a clinical resident in the
Department of Obstetrics and Gynecology at the Medical Faculty of the Higher Medical
Institute - Sofia. In 1999 she acquired the specialty "Obstetrics and Gynecology". Since 2000
she has been enrolled as a full-time doctoral student at the same department. In January 2007
she was awarded the educational and scientific degree "PhD" after defending a dissertation on
"Prognosis of birth induction".

Since 2007 Dr. S. Nashar after a competition has been appointed as a junior assistant in the
Department of Obstetrics and Gynecology at the Medical Faculty of MU - Sofia and performs
medical-diagnostic and teaching activities. Her academic growth is systematic - assistant, senior
assistant, chief assistant (until 2018).

From 2018 until today she is a doctor in the Department of General and Oncological
Gynecology, Pelvic Surgery and Obstetrics (OGTHA), managing the obstetrics department at
the department and performing medical-diagnostic, research, teaching and management
activities.

RESEARCH ACTIVITY OF THE CANDIDATE

Dr. S. Nashar participates in this competition with 36 titles of scientific papers, the result of her
entire research work. From them:

- Dissertation work - 1 issue.

Dr. S. Nashar's dissertation is entitled "PROGNOSIS OF BIRTH INDUCTION". In this paper,
the obstetric intervention "birth induction" - one of the stumbling blocks in the professional
daily life of an obstetrician-gynecologist - is considered in detail and in many ways. As
prognostic factors influencing the success of induction are pointed out:

- a) age of the mother > 30 years - negative impact;

- b) nullity - negative impact;
- c) high maternal BMI - negative impact;
- d) large fruit - negative impact;
- e) degree of placental maturity;
- f) values of the pelvic index (pelvic score) of Bishop - here the most interesting thing is that the individual components of this index are considered separately and each of them is assigned a prognostic value.

- Publications related to the dissertation - 6.
- Publications in Bulgarian magazines - 25.
- Publications in foreign journals - 3.
- Participation in compiling a textbook - 1.

It is about the textbook "Obstetrics" by A. Dimitrov, published in 2014 and republished in 2020. The reprint of this textbook is indicative of its usefulness. The chapter with the first author Dr. S. Nashar, namely "Induction of Birth", also contributes to this.

- Papers presented at scientific forums at home and abroad - 8.

After the exclusion of the dissertation and the publications related to it, 29 publications of articles and abstracts and 8 submitted papers are subject to review in the competition for "Associate Professor". Of these, in 4 scientific papers Dr. S. Nashar is the sole or first author. The scientific issues in the works of Dr. S. Nashar are multifaceted and can be divided into the following categories:

- high-risk pregnancy - 14 publications;
- operative obstetrics - 10 publications;
- analgesia at birth - 3 publications;
- rare ultrasound diagnoses - 2 publications.

The following publications deserve special attention:

- (a) article "Involution of the uterus according to the mode of delivery": found that the reversal of the uterus post partum proceeds more evenly after vaginal birth than after cesarean section - a feature of the puerperium which is of some practical benefit and for which the available literature provides very scarce data;
- b) article "Achondroplasia of the fetus - antenatal diagnosis of two cases": gives guidelines for the differential diagnosis of this congenital condition with other similar (thanatoform dysplasia, achondrogenesis, osteogenesis imperfecta) and outlines the importance of additional research (X-ray examination of the newborn, biopsy cartilage and bone tissue, genetic testing of parents);
- (c) Article "Frequency and indications of vaginal delivery by vacuum extraction";
- (d) the article "Silent rupture of the uterus after cerclage pregnancies": concludes that after several pregnancies with prophylactic cerclages, the cervix and the isthmus part of the uterus may be damaged and it is necessary to discuss the method of delivery in a timely manner;
- (e) the article 'Caesarean section with a longitudinal incision of the uterus in the lower uterine segment': emphasizes the advantages of this operative technique in the case of an unformed lower uterine segment, in the transverse position of the fetus and in difficult access;
- (f) the article "Isolated right aortic arch with Kommerell's diverticulum - prenatal diagnosis by spatial-temporal imaging correlation": discusses the clinical significance, diagnosis and differential diagnosis of this rare condition and its obstetric behavior;
- g) article "Frequency and trends of births in multiple pregnancies": summarizes statistical data in the context of the increased frequency of twin and multiple pregnancies both in our country and worldwide;

- (h) articles "Frequency and characteristics of vaginal birth by forceps fetal extraction" and "Indications for vaginal birth by forceps fetal extraction": define the meaning and applicability of different variants of this obstetric operation in modern obstetrics;
- (i) the article "Method of delivery and neonatal death in singleton pregnancies ≤ 32 g.s.": finds that the survival of immature fetuses depends on both their intrauterine condition and their presentation, with a worse prognosis in breech presentation;
- (k) the articles "Influence of the Bishop's pelvic score on the outcome of childbirth at ≈ 32 g" and "CRIB II and the method of delivery in preterm infants with very low and extremely low weight": demonstrate the crucial importance of the Bishop's score and the CRIB II index for the selection of a method of preterm delivery;
- l) article "Weight in pregnancy and weight gain during pregnancy - results of a hospital-based study in Bulgarian pregnant women": establishes the influence of age on the weight and BMI of pregnant women and the trend of excessive weight gain during pregnancy in Bulgarian conditions;
- m) articles "Obstetric outcome after treatment of cervical precancers", "Birth after treatment of cervical precancers - risk of premature rupture of the amniotic sac and method of delivery", "Risk of premature birth and effectiveness of cerclage in women after treatment of "cervical precancerous lesions" and "Perinatal morbidity and other severe adverse pregnancy outcomes associated with treatment of cervical intraepithelial neoplasia": summarize the reproductive prognosis after various diagnostic and therapeutic interventions used in preinvasive conditions of the cervix.

From the inquiries made by the National Center for Information and Documentation (NACID), the scientific developments of Dr. S. Nashar have been cited 41 times. There are 24 citations abroad. There are 17 citations in national magazines.

Publications of articles and summaries of Dr. S. Nashar have been published in journals with IF. The total IF of publications is 3,062.

The H-index established on the basis of SCOPUS and WEB of Knowledge is 3.

CONTRIBUTIONS OF THE CANDIDATE

Dr. S. Nashar's contributions can generally be divided into the following categories:

- pregnancy, childbirth and puerperium with increased risk;
- operative obstetrics;
- pain relief at birth;
- clinical experience with rare diagnoses.

1. Category "PREGNANCY, BIRTH AND HIGH RISK PUERPERIUM"

1.1. Specific clinical conditions that complicate pregnancy, childbirth and puerperium, increase the risk and complicate its prognosis are analyzed, namely:

- 1.1.1. bacterial infections of the lower genital tract,
- 1.1.2. twin and multiple pregnancies,
- 1.1.3. medical-diagnostic procedures applied in preinvasive conditions of the cervix,
- 1.1.4. cervical myomas,
- 1.1.5. placenta accreta.

Some of them are described for the first time in Bulgaria and represent casuistry worldwide.

1.2. New clinical and statistical methods for risk prediction have been studied and implemented.

1.3. A study of pre-pregnancy weight and weight gain during pregnancy was performed in Bulgarian conditions.

1.4. Puerperal involution of the uterus was monitored according to the method of delivery.

2. Category "OPERATIONAL OBSTETRICS"

- 2.1. An expert analysis of the frequency and indications for operative vaginal birth by vacuum extraction and forceps was performed.
- 2.2. A complete examination of the frequency, indications and technique of cesarean section with a longitudinal incision of the uterus in the lower uterine segment (isthmic-longitudinal incision) was made.
- 2.3. A study of methods for induction of labor and maturation of the cervix has been made.
- 2.4. A study of prognostic factors for clavicle fracture at birth has been performed.

3. Category "BIRTH ANALYSIS"

- 3.1. An extensive study was performed on the effect of epidural block analgesia on the course of labor, the incidence of operative vaginal births, and the incidence of early postpartum hemorrhage.
- 3.2. The effect of epidural analgesia on the condition of the newborn was assessed.

4. Category "CLINICAL EXPERIENCE WITH RARE DIAGNOSES"

- 4.1. Experience with antenatal diagnosis of fetal achondroplasia has been shared.
- 4.2. Experience with antenatal diagnosis of isolated right aortic arch with Kommerell's diverticulum was shared.

MEDICAL-DIAGNOSTIC AND MANAGEMENT ACTIVITY OF THE CANDIDATE

As Head of the Obstetrics Department in the Department of General Gynecology, Pelvic Surgery and Obstetrics, Dr. S. Nashar is responsible for the overall activities of the High-Risk Pregnancy Department and the Maternity Department, and also actively participates in the treatment and diagnostic activities.

The operative activity of Dr. S. Nashar for the period 2009–2021 amounts to a total of over 44,000 spontaneous vaginal births, operative vaginal births and cesarean sections.

TEACHING ACTIVITY OF THE CANDIDATE

For the period 2015–2018, Dr. S. Nashar has an average annual workload of 1,208 academic hours or an average of 300 academic hours per year. This workload is realized as participation in:

- basic course for acquiring the specialty "Obstetrics and Gynecology" - lecturer;
- individual training of specialists - manager;
- exercises and seminars for students of medicine and dentistry, as well as for health care specialists - lecturer;
- examination commissions for medical and dental students, as well as for health care specialists - examiner.

CONCLUSION

I believe that the data presented so far in the review are more than a sufficient argument for awarding the academic position of "Associate Professor" in obstetrics and gynecology. However, these data are far from the real idea of the qualities of Dr. S. Nashar as a healer, researcher, teacher and administrator. I dare say that I gained such an idea because I had the opportunity to follow the professional path of Dr. S. Nashar for almost thirty years - from her admission as a clinical resident in USBATOG "Mother's Home" in 1995 to our days. Dr. S. Nashar belongs to the increasingly difficult to find breed of our colleagues who live with the problems of their profession 24 hours a day, 7 days a week. The term "living with problems" means that colleagues like Dr. S. Nashar are constantly achieving new and new successes,

analyzing what has been achieved and striving for each subsequent achievement to be more valuable than the previous one. Let us imagine that this aspiration is combined with selfless empathy for pregnant, childbirth and suffering women, with precise planning of scientific developments and critical evaluation of their results, with the desire of young colleagues to acquire maximum knowledge and skills, with a sense of justice and order in the office environment - so maybe we will get an idea of the doctor, researcher, teacher and administrator Dr. S. Nashar.

Having shared all this, I can say that strongly recommend of the honored members of the Scientific Jury to vote positively for the award of the academic position "Associate Professor" in the scientific specialty "Obstetrics and Gynecology" to Dr. Susana Fauzi Nashar, PhD. by virtue of a competition announced for the needs of the Department of OOGTHA of Acibadem City Clinic, Tokuda University Hospital.

August 9, 2021.

Prepared the review:

(Assoc. Prof. Nikola Vassilev, MD, PhD)