

RECENSION

By Prof. Dr. Emil Georgiev Kovachev, M.Sc.

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About

Contest for the award of the academic position "Associate Professor"

Obstetrics and Gynecology

Caller 03.01.45

The competition has been announced in the State Gazette no. 62 / 06.08.2019

to Dr. Stefan Vasilev Kisyov, MD

CONTRIBUTION ASSESSMENT

Personal contributions can be grouped in the following areas:

I. Contributions related to the dissertation

In his dissertation, Dr. Kisyov has developed a problem that is undoubtedly relevant, especially for Bulgaria.

The author examines and analyzes in his dissertation a contemporary problem of significant medical and social importance, especially considering the unfavorable demographic indicators in our country. The first large-scale study for infertility in Bulgaria was conducted in 1980/1982 and was found 7.55% frequency of infertility. In 2005 a report on the infertility etiologies in our country has found that 15% of women of childbearing age have difficulties in realizing the desire to have a child.

Dr. Kisyov original contributions are ten and are related to the topic of his dissertation. They are divided into contributions of confirmatory and contributors of original character. For the first time in Bulgaria, a prospective clinical study on the place of reproductive surgery in the complex treatment of female infertility was made. The author formulates 8 conclusions and 10 contributions, some of which are considered for the first time in our country.

II. Contributions to other thematic areas not related to the dissertation:

1. Interesting casuistic cases of ovarian tumors and pregnancy were examined and followed.

2. For the first time in Bulgaria some rare forms of ectopic pregnancy after ART and subsequent laparoscopic treatment have been described.
3. Some problems and cases in gynecological endoscopy for the purposes of reproductive medicine are considered.
4. For the first time in Bulgaria, some problems of assisted reproductive technologies are considered, such as gestational surrogacy, and the quality of eggs is considered as a prognostic marker for the success of the IVF procedure.
5. For the first time in Bulgaria the place of reconstructive laparoscopic surgery in the treatment of tubal infertility is considered.
6. ART complications such as ovarian torsion and bleeding after follicular puncture for IVF have been documented.
9. Casuistic cases of unicorn uterus with atypically located ovary after stimulation have been published.
10. A case of secondary abdominal pregnancy after in vitro has been published
11. Current trends in the pathogenesis, diagnosis and treatment of genital chlamydiosis in infertile patients are described.

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2. For the first time in Bulgaria some rare forms of ectopic pregnancy after ART and subsequent laparoscopic treatment have been described.
3. Some problems and cases in gynecological endoscopy for the purposes of reproductive medicine are considered.
4. The modern methods for the diagnosis of preterm birth (fetal fibronectin), induction of birth in children with intrauterine retardation, our and foreign experience in the treatment of preeclampsia have been monitored.
5. A treatment algorithm for life-threatening bleeding during Caesarean section or after birth naturally is considered.
6. For the first time in Bulgaria, some problems with assisted reproductive technologies are considered, such as gestational surrogacy, and the quality of eggs is considered as a prognostic marker for the success of the IVF procedure.
7. For the first time in Bulgaria the place of reconstructive laparoscopic surgery in the treatment of tubal infertility is considered

8. Post-ART complications such as ovarian torsion and post-puncture bleeding for IVF have been documented
9. Casuistic cases of unicorn uterus with atypically located ovary after stimulation have been published.
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11. Current trends in the pathogenesis, diagnosis and treatment of genital chlamydiosis in infertile patients are described

III. Contributions to the Monograph Work "Office Hysteroscopy. A Place in Contemporary Gynecology "

The presented monographic work of Dr. Stefan Kisyov, MD "Office hysteroscopy. Its place in contemporary gynecology", addresses a problem of major medical and social importance, especially against the backdrop of adverse demographic indicators in developed countries and Bulgaria.

Hysteroscopy (HSC) has been recognized in recent years as the most informative method for the visualization, diagnosis and treatment of pathological changes in the uterine cavity. This procedure is an indispensable part of the evaluation of cavum uteri, even according to some scientific groups, it is mandatory before the start of ART procedures. In the 1970s and 1980s, the so-called "traditional technique" of hysteroscopy was practiced. This approach involves mandatory cervical dilatation under local or general anesthesia, followed by hospitalization and some hospital stays. In the early 1990s, the proportion of outpatient procedures (office hysteroscopy) increased, with an emphasis on less invasiveness, minimizing pain, and lack of the need for anesthesia.

With the refinement of endoscopic equipment, diagnostic office hysteroscopy shifts the conventional one and becomes the method of choice in the study of female infertility in consecutive failed ART.

HSC is extremely useful in the diagnosis of the following pathological abnormalities, namely congenital anomalies (uterine septum), polyps, submucosal myoma nodes, synechiae (Asherman's system), visualization and extraction of intrauterine pessaries, and in addition enables targeting endometrial biopsies in suspected neoplastic processes. Undiagnosed pathologies of the uterine cavity are almost certainly a prerequisite for failure in ART procedures. Many of these diseases can be successfully treated by office hysteroscopy, such as polyp removal, septum and synechia resection.

In his monograph work, Dr. Stefan Kisyov, develops problems that are important for modern reproductive medicine and make a significant contribution to the specialized literature in Bulgaria.

RESEARCH ACTIVITY

The candidate submits a dissertation thesis on the competition: "The Place of Reproductive Surgery in the Complex Treatment of Infertility", a monograph entitled "Office Hysteroscopy. A

Place in Contemporary Gynecology,”, as well as 26 full-text publications in national and international scientific journals that meet regulatory requirements.

Participation in courses

1. Course in Ultrasound diagnostics in obstetrics and gynecology - Medical University - Varna
2. Course in diagnostic and operative laparoscopy - Medical University - Varna
3. Course in diagnostic and operative hysteroscopy - MU - Varna
4. Specialized course in hysteroscopy and laparoscopy in Leuven, Belgium, 2019.
5. Specialized course in laparoscopy (deep pelvic endometriosis) IRCAD - Strasbourg, France, 2019.

Participation in congresses and symposia

Dr. Kisyov has participated in national conferences and symposia, and I would like to highlight some of them:

- Congresses organized by the Bulgarian Association for Minimally Invasive Gynecological Surgery.
- Scientific forums organized by the Bulgarian Association for Sterility and Reproductive Health.
- Participation in the Assemblies of the International Medical Association "Bulgaria".

Dr. Kisyov is a member of: BLS, BDAG, BASRZ, BAMIGH, ESGE, ESHRE.

Short biographical information

Dr. Stefan Vasilev Kisyov, MD was born in 1978 in Varna. He graduated high school in 1996 in Varna. In 2002 he graduated in medicine from the Medical University - Varna. Since 2011 he has been appointed as a full-time assistant at the Department of Obstetrics and Gynecology at the Medical University - Varna. Since 2005, he has been appointed to the position of a doctor at SAGAL “Prof. Dr. D. Stamatov Ltd. - Varna. Since 2008, until now he has been working as a physician at the Medical Center of Assisted Reproduction ‘Varna’, Varna. In 2018 after winning the competition, he occupies the position of Chief Assistant at the department AG - MU - Varna.

In 2014, Dr. Kisyov was admitted to a free doctorate at the Department of Obstetrics and Gynecology at the Medical University – Varna and successfully defended his thesis on "The Place of Reproductive Surgery in the Complex Treatment of Sterility" with scientific adviser Prof. Dr. Emil Georgiev Kovachev, MD. In 2014 he gains a specialty in Obstetrics and Gynecology.

Conclusion

The presented scientific production by Dr. Kisyov meets the generally accepted criteria. Based on the scientific criteria and teaching activity, I believe that Dr. Stefan Kisyov, MD covers all the criteria and requirements for acquiring an academic position of Associate Professor.

I would recommend the honorable members of the Scientific Jury to vote positively for the award of the academic position of Associate Professor in the field of Obstetrics and Gynecology to Dr. Stefan Kisyov, according to the Regulations for the Development of the Academic Staff at the Medical University - Varna.

08.11.2019

Varna

Prepared by:

Prof. Dr. E. Kovachev, M.Sc.