

SCIENTIFIC PROGRAM OF THE "XX JUBILEE INTERNATIONAL CONGRESS ON REPRODUCTIVE MEDICINE. ENDOMETRIOSIS. ARTIFICIAL INTELLIGENCE IN GYNECOLOGY" with Laparoscopy and Hysteroscopy Course

DAY 1

January 20, 2026

8.00–10.00 Opening of the International Course on Endoscopic Surgery

*Adamyan L.V., Wattiez A., Koninckx Ph., Malzoni M., Romeo A., Ussia A.,
Shawki O., Gilabert Estellés J., Bigatti G., Tozzi R., Puntambekar Sh.,
D'Afiero A.*

- Principles of laparoscopic surgery A. Wattiez, Dubai, UAE
- Principles of hysteroscopic surgery O. Shawki, Giza, Egypt
- Why shaving in intrauterine surgery? G. Bigatti, Milan, Italy
- Course on endoscopic suture application A. Romeo, Turin, Italy
The importance of suture diameter and suture material for suture safety
based on dynamometric testing
- Surgical energies in endoscopy Koninckx Ph., Leuven, Belgium

10.00–11.00 Grand Opening of the Congress

- Gennady Sukhikh, Director of the National Medical Research Center
for Obstetrics, Gynecology and Perinatology
- Leila Adamyan, Deputy Director of the National Medical Research Center
for Obstetrics, Gynecology and Perinatology,
Head Specialist in Gynecology, Ministry of Health of Russia

Greetings

- Mikhail Murashko, Minister of Health of the Russian Federation
- Evgenia Kotova, Deputy Minister of Health of the Russian Federation
- Alla Samoylova, Head of the Federal Service for Surveillance in Healthcare
- Rafael Shavaliev, Director of the Department of Medical Care for Children,
Maternity Care and Public Health, Ministry of Health of the Russian Federation
- Saida Gadzhieva, Deputy Head of the Moscow City Department of Health
- Oleg Yanushevich, MD, PhD, Professor, Academician of the Russian Academy
of Sciences, Rector of the Russian University of Medicine, Ministry of Health
of the Russian Federation
- Vladislav Korsak, MD, PhD, Professor, President of the Russian Association
of Human Reproduction
- Arnaud Wattiez, Head of Gynecology Department Latifa Hospital, Dubai, UAE

11.00 **Plenary session**

Artificial intelligence in reproductive medicine: major trends

11.00 **Keynote lecture**

Artificial intelligence in reproductive medicine and surgery. Endometriosis, premature ovarian insufficiency and cellular technologies – interdisciplinary approach

Adamyan L.V., Moscow, Russia

11.20 Space and reproductive system

Ogneva I.V., Moscow, Russia

11.30 From Earth to orbit: AI as the next level of reproductive science

Vereczkey A., Budapest, Hungary

11.50 From intuition to algorithms: the AI transformation of minimally invasive surgery

Marescaux J., Strasbourg, France

12.10 Intelligence at the crossroads: AI in surgical algorithms for endometriosis

Wattiez A., Dubai, UAE

12.30 **Plenary session**

Endometriosis – new technologies in diagnostics, surgery, treatment, and rehabilitation

12.30 Endometriosis in puberty and infertility

Koninckx Ph., Leuven, Belgium

12.50 Artificial and native intelligence in reproductive medicine: where we are today and where we are going?

Stepanian A., Atlanta, USA

13.10 Uterine hyper-contractility and adenomyosis-associated dysmenorrhea: an update on molecular mechanisms

Guo S.-W., Shanghai, China

13.30 Laparoscopic adenomyomectomy without medication for symptomatic adenomyosis: A 3-year follow-up study

Guo S.-W., Shanghai, China

13.50 Perinatal outcomes after laparoscopic adenomyomectomy with elastography for uterine adenomyosis

Ota Yo., Kurashiki, Japan

14.10 Preconception care considering the pathogenesis of endometriosis

Ota I., Kurashiki, Japan

TUESDAY
JANUARY 20
DAY 1

14.30	The preoperative, perioperative and postoperative use of AI for endometriosis <i>Abrão M., São Paulo, Brazil</i>
14.50	Technology behind new salivary endometriosis test and AI <i>Pluchino N., Lausanne, Switzerland</i>
15.10	Endometriosis syndrome and AI <i>Petraglia F., Florence, Italy</i>
15.30	Recurrence after endometriosis surgery <i>Angioni S., Cagliari, Italy</i>
15.50	Possible role of AI in endometriosis <i>Angioni S., Cagliari, Italy</i>
16.05	<i>In vitro</i> and <i>in vivo</i> models of endometriosis <i>Ebert A.D., Berlin, Germany</i>
16:20	The use of intraoperative ultrasound during endometriosis surgery. A tool towards reassuring more conservative bowel management <i>Barri Soldevila P.N., Barcelona, Spain</i>
16.40	Systemic effect of endometriosis <i>Taylor H., New York, USA</i>
17.00	The role of AI in the diagnosis and planning of surgical and medical treatment in endometriosis <i>Luciano D., Farmington, USA</i>
17.20	New era of surgery for endometriosis: up-to-date <i>Lee T., New-York, USA</i>
17.40	Role of AI in understanding the etiopathogenesis of endometriomas, their management and prognosis <i>Nezhat C., Atlanta, USA</i>
18.00	Pelvic compartments in the study of endometriosis: current anatomical perspective. Pelvic neurosonography <i>Arruda J., Rio de Janeiro, Brazil</i>
18.20	Is AI helpful to avoid surgical mistakes? <i>Nisolle M., Liege, Belgium</i>
18.40	Discussion

DAY 2

January 21, 2026

08.00–11.40 The International Course on Endoscopic Surgery and Live Surgery

*Adamyan L.V., Wattiez A., Koninckx Ph., Malzoni M., Romeo A., Ussia A.,
Shawki O., Gilabert Estellés J., Bigatti G., Tozzi R., Puntambekar Sh.*

Presentation and live surgery

From mapping to modulation: rethinking surgical radicality in severe endometriosis

Malzoni M., Avellino, Italy

Beyond the boundaries: diagnosis of parametrial endometriosis

Di Giovanni A., Avellino, Italy

New technologies in reconstructive and plastic gynecologic surgery: the role of local hemostatic agents

*Kozachenko A.V., Adamyan L.V., Dzhumamuradova E.Z., Kozachenko I.F.,
Ibragimova U.D., Danilov A.A., Moscow, Russia*

Comprehensive management of patients with uterine scar and cesarean section niches: the role of imaging and endoscopic techniques in diagnosis and treatment

Martynov S.A., Adamyan L.V., Danilov A.A., Moscow, Russia

Various forms of uterine malformations: new surgical techniques and novel approaches

Makiyan Z.N., Adamyan L.V., Omarova A.R., Moscow, Russia

Use of menstrual blood dry spots in the diagnosis of endometriosis

*Pavlovich S.V., Frankevich V.E., Starodubtseva N.L., Adamyan L.V., Moscow,
Russia*

11.40

Keynote lecture

Advances in operative gynecology: surgical energies, approaches, anti-adhesion and hemostatic agents in reproductive medicine. Novel surgical techniques for congenital anomalies, adenomyosis, premature ovarian insufficiency, and cervical intraepithelial neoplasia. Experimental and clinical data

Adamyan L.V., Mezhlumova N.A., Moscow, Russia

12.00

Plenary session

Current issues in reproductology and reproductive health: science and practice

12.00

Regulation of ovarian follicle development by c-type natriuretic peptide C

Kawamura K., Tokyo, Japan

12.20 Human blastocyst quality evaluation by embryologist grading and artificial intelligence using time-lapse images
Hiraoka K., Ciba, Japan

12.40 Managing infertility patients with PCOS in the largest department of gynecological endocrinology in the world
Ruan X., Beijing, China

13.00 Decreased ovarian reserve: why all the research failed to increase success?
Ben-Rafael Z., Tel Aviv, Israel

13.20 AI in reproductive medicine: artificial intelligence or another impostor?
Carugno J., Miami, USA

13.40 The role of artificial intelligence in the diagnostic and therapeutical process of infertility
Mencaglia L., Cortona, Italy

14.00 Is there still a role for human empathy and creativity in the time of AI?
Arabin B., Berlin, Germany

14.20 Long distance telesurgery made feasible. AI in risk evaluation and treatment of infertile couples.
Tinneberg H.-R., Frankfurt, Germany

14.40 Principles of hysteroscopic surgery in infertile women
Shawki O., Giza, Egypt

15.00 Artificial Intelligence in ART: ready for prime time?
Patrizio P., Miami, USA

15.20 What AI can change in the next era of surgery and medicine?
Cela V., Pisa, Italy

15.40 AI in emergency gynecology
Friedman M., Tel Aviv, Israel

16.00 Management of adenomyosis
Falcone T., Cleveland, USA

16.20 Clinical management of mosaic embryos
Barri Ragué P.N., Barcelona, Spain

16.40 PGT for diabetes, cancer, and heart disease risk reduction
Treff N.R., North Brunswick, USA

17.00 AI in reproductive medicine: a breakthrough in the making or a cautionary tale?
Marin D., North Brunswick, USA

17.20 AI applications in ART
Yoldemir T., Istanbul, Turkey

	17.40	Philosophy of laparoscopic surgery. Anatomy <i>Wattiez A., Dubai, UAE</i>
	18.00	The use of AI in embryo selection in advanced maternal age <i>Surrey M.W., Beverly Hills, USA</i>
	18.20	Quality of life in dysmenorrhea: findings from a clinical study <i>Andreeva M.D., Krasnodar, Russia</i>
	18.30	Preconception care for women with recurrent vaginal infections <i>Kozlov P.V., Moscow, Russia</i>
	18.40	The evolution of aesthetic gynecology: from classical approaches to innovative techniques <i>Apolikhina I.A., Moscow, Russia</i>
	18.50	Inositol as a tool for correcting metabolic disorders in women: age-related aspects and clinical considerations <i>Kuznetsova I.V., Moscow, Russia</i>
	19.00	Chronic endometritis and implantation failure: a hidden factor reducing reproductive potential <i>Tapilskaya N.I., Moscow, Russia</i>
	19.10	Endometriosis: A Source of Inflammation and a Barrier to Conception <i>Yarmolinskaya M.I., Saint Petersburg, Russia</i>
	19.20	Obstructive factor in male infertility: new evidence <i>Gamidov S.I., Moscow, Russia</i>
	19.30	Conditions associated with estrogen dominance in gynecological practice: opportunities for nutrient-based correction <i>Shikh E.V., Moscow, Russia</i>
	19.40	Robot-assisted surgery in reproductive medicine <i>Skachkov N.N., Arakelyan A.S., Martynov S.A., Adamyan L.V., Moscow, Russia</i>
	19.50	Modern approaches to the treatment of malignant ovarian tumors in women of reproductive age <i>Ovodenko D.L., Moscow, Russia</i>
	20.00	Emergency gynecologic surgery in children and adolescents <i>Korotkova S.A., Osipova G.T., Turgunova G.M., Gevorgyan A.P., Polyakova E.I., Moscow, Russia</i>
	20.10	Endometriosis in children and adolescents <i>Khashchenko E.P., Uvarova E.V., Moscow, Russia</i>
	20.20	Discussion

JANUARY 21
DAY 2

DAY 3

January 22, 2026

07.00–08.00 Young scientists contest

**08.00–11.00 The International Course on Endoscopic Surgery
(live from operating theatres)**

*Adamyan L.V., Wattiez A., Koninckx Ph., Malzoni M., Romeo A., Ussia A.,
Shawki O., Gilabert Estellés J., Bigatti G., Tozzi R., Puntambekar Sh.*

3D modeling and adrenergic receptor assessment in adenomyosis in women of reproductive age

*Adamyan L.V., Bychenko V.G., Murvatov K.D., Obelchak I.S., Arakelyan A.S.,
Sokolov A.D., Asaturova A.V., Chernetsova A.S., Moscow, Russia*

Premature ovarian insufficiency as a current issue in reproductive medicine

*Avetisyan D.S., Antonova A.A., Adamyan L.V., Menzhinskaya I.V.,
Kuznetsova M.V., Trofimov D.Yu., Moscow, Russia*

The role of somatic mutations in endometriosis: new evidence

Pivazyan L.G., Kuznetsova M.V., Adamyan L.V., Trofimov D.Yu., Moscow, Russia

First experience with the use of a kaolin-based hemostatic bandage in obstetrics and gynecology: a promising technology to improve reproductive outcomes

*Adamyan L.V., Fedorova T.A., Arakelyan A.S., Sokolov A.D., Seregina V.Yu.,
Mezhlumova N.A., Moscow, Russia*

Extragenital endometriosis

Murvatov K.D., Putintsev S.P., Adamyan L.V., Murvatova K.K., Moscow, Russia

11.00 Plenary session

Benign and malignant hyperplastic processes in gynecology: radical and conservative approaches. Oncofertility

11.00 Thermal ablation of uterine fibroids: redefining minimally invasive treatment
Zelaquett M., Rio de Janeiro, São Paulo, Brazil

11.20 Restoration of the microbiome as a physioLogical approach to the treatment of vaginal infections
Apolikhina I.A., Moscow, Russia

11.30 A modern perspective on endometriosis: from symptoms to a systemic approach
Bezhenar V.F., Saint Petersburg, Russia

11.40 Pregnancy in IVF patients: how can reproductive losses be reduced?
Tapilskaya N.I., Saint Petersburg, Russia

DAY 3 JANUARY 22 THURSDAY

11.50 Abnormal uterine bleeding: a modern vision of the problem
Yarmolinskaya M.I., Saint Petersburg, Russia

12.00 AI impact in gynecological oncology
Puntambekar Sh., Pune, India

12.20 Oncogynecology up-to-date. The role of AI
Tozzi R., Padova, Italy

12.40 AI (artificial intelligence) based adaptive radiotherapy for gynecological malignancies
Marnitz S., Berlin, Germany

13.00 A Novel Interdisciplinary Approach to the Preservation of Reproductive Function in Oncology Patients
Nazarenko T.A., Biryukova A.M., Ashrafyan L.A., Moscow, Russia

13.10 Endometriosis and infertility. The role of AI
Keckstein J., Villach, Germany

13.30 Use of artificial intelligence for surgical planning in advanced gynecological surgery
Gilabert Estellés J., Valencia, Spain

13.50 Functional brain MRI under different medications in endometriosis patients
Küpker W., Lübeck, Germany

14.10 Improving surgical outcomes using intraoperative AI
Seckin T., New York, USA

14.30 How AI and advanced computer-assisted image analysis will change pelvic floor surgery
Simoncini T., Pisa, Italy

14.50 **Plenary Session**

Solutions to reproductive and gynecologic problems: surgery and beyond

14.50 The role of AI in fibroids diagnostics, treatment and success prediction in fertility, recurrence and quality of life
Andersson K.L., Florence, Italy

15.10 Re-discovering hypothalamic circuitries and their impact on reproductive life in women at the times of AI
Simoncini T., Pisa, Italy

15.30 New tests to predict preterm birth
Di Renzo G.C., Perugia, Italy

15.50 New indication for progesterone administration in pregnancy
Di Renzo G.C., Perugia, Italy

DAY 3 JANUARY 22 THURSDAY

16.10 Artificial intelligence – predictive value of reproductive success
Anderson T.L., Nashville, USA

16.30 New laparoscopic cerclage technique for miscarriage treatment
Watrelot A., Lyon, France

16.50 Artificial intelligence and ethical considerations
Senikas V., Ottawa, Canada

17.10 Biological vs. social evolution and the role of AI
Naftolin F., New Haven, USA

17.30 AI in intrauterine pathology – role in diagnosis, education, prognosis and outcome
Munro M., Los Angeles, USA

17.50 The fool with the tool is still a fool
Pasic R., Louisville, USA

18.10 The artificial intelligence revolution in surgical gynecology
Mourad J., Phoenix, USA

18.30 Role of AI in pelvic imaging
Winter M., Laguna Hills, USA

18.50 Microbiota and reproduction
Dobrokhotova Yu.E., Moscow, Russia

19.00 Artificial Intelligence and Machine Learning in Assisted Reproductive Technology (ART) Programs
Kalinina E.A., Drapkina Yu.S., Makarova N.P., Moscow, Russia

19.10 New angiogenic factors in intrauterine growth restriction
Valsky D., Jerusalem, Israel

19.30 Pathogenetic therapy of abnormal uterine bleeding in women with overweight and obesity
Yureneva S.V., Moscow, Russia

19.40 Management strategies for abnormal uterine bleeding in late reproductive age
Dumanovskaya M.R., Moscow, Russia

19.50 Immune keys to the diagnosis and treatment of uterine fibroids
Malyshkina A.I., Voronin D.N., Sotnikova N.Yu., Malyshkina D.A., Ivanovo, Russia

20.00 Artificial intelligence in the assessment of colposcopic images: prospects for cervical cancer screening in women of different age groups
Komlichenko E.V., Saint Petersburg, Russia

20.10 Forewarned is forearmed! Principles of preventing postoperative complications in gynecology
Gasparyan SA, Moscow, Russia

20.20 Preconception care as a key strategy for reducing perinatal risks in overweight women
Kirillova E.D., Moscow, Russia

20.30 Discussion

DAY 4

January 23, 2026

**08.00–09.00 The International Course on Endoscopic Surgery
(live-surgeries from operating theatres)**

*Adamyan L.V., Wattiez A., Koninckx Ph., Malzoni M., Romeo A., Ussia A.,
Shawki O., Gilabert Estellés J., Bigatti G., Tozzi R., Puntambekar Sh.*

Plenary session

Relevant issues of gynecology based on new technologies and fundamental studies

09.00 Abnormal uterine bleeding: management strategies in reproductive-age women
Chernukha G.E., Moscow, Russia

09.10 The concept of adhesion-free surgery in gynecology: capabilities of modern anti-adhesion barriers
Tikhomirov A.L., Moscow, Russia

09.20 Intrauterine pathology and reproductive disorders: preventing the formation of intrauterine adhesions
Kozachenko I.F., Moscow, Russia

09.30 Endometriosis, inflammation, and pregnancy: how cytokines promote pregnancy miscarriage and the protecting role of progesterone
Grodnitskaya E.E., Moscow, Russia

09.40 Endometriosis and ART: debatable issues in the selection of progestin support for pregnancy
Saraeva O.V., Moscow, Russia

09.50 Microbiota and couple fertility: points of intervention
Bayramova G.R., Moscow, Russia

10.00 Innovative hysteroscopic technique for uterine septum
Bettocchi S., Foggia, Italy

10.20 From diagnostic room imaging to operative room reality: precision and decision
Shawki O., Giza, Egypt

10.40 Bigatti Shaver: role in modern reproductive medicine and intrauterine surgery
Bigatti G., Milan, Italy

11.00 Beyond the mesh: the rise of neo-fascia in vaginal prolapse surgery
D'Afiero A., Dubai, UAE

FRIDAY
JANUARY 23
DAY 4

11.20 Aesthetic gynecology: new horizons – from fillers and exosomes to novel surgical techniques
Maksimova Yu.V., Adamyan L.V., Moscow, Russia

11.30 Stress as a factor in reproductive disorders in women: from menstrual cycle disorders to mastalgia
Andreeva E.N., Moscow, Russia

11.40 Endometriosis and pregnancy
Artyuk N.V., Kemerovo, Russia

11.50 Possibilities of a differentiated approach in the conservative treatment of endometriosis
Bezhenar V.F., Saint Petersburg, Russia

12.00 AUB: a short-term solution or a strategy for the health of future generations?
Andreeva E.N., Moscow, Russia

12.10 Menopause: what is new?
Genazzani A., Pisa, Italy

12.30 Menopausal hormone therapy during the menopausal transition: evidence-based clinical strategies
Smetnik A.A., Moscow, Russia

12.40 A new generation of phytoestrogens: innovative formulations and multi-target effects in supporting the health of women aged 45+
Ermakova E.I., Moscow, Russia

12.50 AI in Dubai healthcare system
Tahlak M., Dubai, UAE

13.10 Specific aspects of counseling women aged over 45 years: a gynecologist's perspective
Dubrovina S.O., Rostov-on-Don, Russia

13.20 First results of APTIMA trial
Köhler Ch., Hamburg, Germany

13.40 Clinical decision-making in the treatment of endometriosis based on scientific analysis of the efficacy and safety of hormonal therapy
Yarmolinskaya M.I., Saint Petersburg, Russia

13.50 Strategies for preventing endometriosis recurrence: balancing surgical and medical approaches
Bezhenar V.F., Saint Petersburg, Russia

14.00 Moscow Project "I will become a mother"
Korennaya V.V., Moscow, Russia

14.10 Stress and anovulation – what is new?
Berga S.L., New York, USA

14.30 Role of brain in PCOS
Berga S.L., New York, USA

14.50 Egg freezing in endometriosis patients
Singer T., New York, USA

15.00 **Program**

All-Russian Meeting of Deputy Heads of Russian Regional Executive Bodies in the field of Healthcare and Social Relations, responsible for assistance to women and children, Head Specialists in Obstetrics, Gynecology, and Women's Reproductive Health

“IMPROVING MEDICAL CARE IN OBSTETRICS AND GYNECOLOGY”

MEETING FORMAT: IN-PERSON

Chairs: Gennady Sukhikh, Evgenia Kotova

Introduction speech

Gennady Sukhikh, Academician of RAS, Director of the National Medical Research Center for Obstetrics, Gynecology and Perinatology

Implementation of national goals in obstetric care: results for 2025 and tasks for 2026

Evgenia Kotova, Deputy Minister of Health of the Russian Federation

New developments in the legal regulation of medical care for mothers and children

Viktoria Sakharova, Deputy Director of the Department of Child Healthcare, Maternity Service, and Social Health of the Ministry of Health of the Russia

Objectives of the federal project 'Maternal and child health protection' for 2026

Galina Karpova, Head of the Project Office

A comprehensive approach to women's reproductive health using innovative and minimally invasive technologies

Leila Adamyan, Academician of RAS, Deputy Director for Science of the National Medical Research Center for Obstetrics, Gynecology and Perinatology, Head Specialist in Gynecology, Ministry of Health of Russia

Analysis of maternal mortality in 2025. Medical care for critical obstetric conditions

Vladimir Klimov, Head of Medical Care and Information Service of the National Medical Research Center for Obstetrics, Gynecology and Perinatology, Head Specialist in Obstetrics of the Ministry of Health of Russia

FRIDAY
JANUARY 23
DAY 4



Improving the effectiveness of medical care for infertility

Natalia Dolgushina, Deputy Director for Science of the National Medical Research Center for Obstetrics, Gynecology and Perinatology, Head Specialist in Reproductive Health of Women of the Ministry of Health of Russia

Protecting the reproductive health of adolescents

Elena Uvarova, Corr.-Member of RAS, Head of the 2nd Department of Gynecology, Institute of Neonatology and Pediatrics of the National Medical Research Center for Obstetrics, Gynecology and Perinatology, Head Specialist in Pediatric and Adolescent Gynecology of the Ministry of Health of Russia

Discussion

17.00

Closing of the Congress

- Gennady Sukhikh, Director of the National Medical Research Center for Obstetrics, Gynecology and Perinatology
- Leila Adamyan, Deputy Director of the National Medical Research Center for Obstetrics, Gynecology and Perinatology, Head Specialist in Gynecology, Ministry of Health of Russia

FRIDAY
JANUARY 23
DAY 4