

# XVIII International Congress on Reproductive Medicine DAY 1

January 16, 2024

**08.30–10.00** **Opening of the International Course on Endoscopic Surgery**

*L.V. Adamyan, A. Wattiez, Ph. Koninckx, M. Malzoni, A. Romeo, A. Ussia*

Laparoscopy and hysteroscopy in reproductive medicine

*L.V. Adamyan, A. Romeo*

**10.00–11.00** **Grand Opening of the Congress**

- Gennady Sukhikh, Director of the National Medical Research Center for Obstetrics, Gynecology and Perinatology, Ministry of Health of Russia
- 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
- Alla Samoylova, Head of the Federal Service for Surveillance in Healthcare

**11.00** **Key-lecture:**

New challenges in reproductive medicine: adhesions, oncofertility, POI, endometriosis and adenomyosis. Issues for discussion

*Adamyan L.V., Moscow, Russia*

## Plenary session 1

### Endometriosis: diagnostics, treatment, rehabilitation

**11.40** When to perform laparoscopy in young patients with chronic pelvic pain?  
*M. Nisolle, Liège, Belgium*

**12.00** Robotic surgery for gynecologic diseases. Experience of over 450 cases in the National Medical Research Center for Obstetrics, Gynecology and Perinatology named after Academician V.I. Kulakov  
*Ponomareva Yu.V., Moscow, Russia*

**12.20** New concept in treatment of endometriosis today  
*A. Ussia, Rome, Italy*

**12.40** Management of tubal factor in patients with deep infiltrating endometriosis  
*A. Watrelot, Lyon, France*

**13.00** GnRH-antagonists in the treatment of endometriosis: a new golden bullet?  
*W. Küpker, Lübeck, Germany*

**13.20** The use of intraoperative ultrasound for diagnosis of deep infiltrating endometriosis  
*A. Di Giovanni, Avellino, Italy*

**13.40–14.00** Discussion

**14.00–14.10** Technical break

### Plenary session 2

## Endometriosis and concomitant conditions of the reproductive system

**14.10** Challenges of treatment of deep infiltrating endometriosis (DIE)  
*M. Abrão, São Paulo, Brazil*

**14.30** Non-gynecologic symptoms of endometriosis  
*D. Luciano, Farmington, USA*

**14.50** 1. Adolescent endometriosis. Why early detection is important?  
2. Thoracic and diaphragmatic endometriosis  
*C. Nezhat, Atlanta, USA*

**15.10** Peritoneal endometriosis: controversies and facts  
*T. Seckin, New York, USA*

**15.30** Endometriosis is a systemic disease  
*H. Taylor, New Heaven, USA*

**15.50** Immunologic aspects of endometriosis  
*A. Vidali, New York, USA*

**16.10** A technique for discoid bowel resection in deep infiltrative endometriosis  
*T. Lee, Pittsburgh, USA*

**16.30** Algorithm for drug therapy after surgery for endometriosis  
*Bezhenar V.F., Saint Petersburg, Russia*

**16.45** Deep infiltrative endometriosis of the distal round ligament of the uterus. The role of diverticulum Nuckii  
*Kiselev S.I., Moscow, Russia*

**17.00** Drug therapy of endometriosis  
*Pekarev O.G., Moscow, Russia*

- 17.15** Modelling and navigation in benign genital tumours  
*Murvatov K.D., Chernetsova A.S., Papanova E.K., Yarotskaya E.L., Moscow, Russia*
- 17.30** Molecular and genetic basis of uterine myoma development and recurrence  
*Kuznetsova M.V., Tonoyan N.M., Trofimov D.Y., Adamyan L.V., Moscow, Russia*
- 17.45** Experimental modeling and prevention of postoperative adhesions in gynecological and pelvic surgery: morphological and ultrastructural features  
*Adamyan L.V., Mikhaleva L.M., Tkachev N.A., Pivazyan L.G., Moscow, Russia*
- 18.00** Options of anti-inflammatory (complementary) treatment in endometriosis patients rejecting endocrine therapy after surgery  
*A.D. Ebert, Berlin, Germany*
- 18.15** Peculiarities of serum autoantibody profile in women with premature ovarian insufficiency  
*Menzhinskaya I.V., Makiyan Z.N., Antonova A.A., Tonoyan N.M., Moscow, Russia*
- 18.30** Nodular form of adenomyosis. Navigation and modeling. Modern operations and our own data  
*Arakelyan A.S., Sokolov A.A., Bychenko V.G., Gus A.I., Moscow, Russia*
- 18.45** Discussion
- 19.00** **Closing of the day**

# DAY 2

January 17, 2024

**08.00–09.00 Master class on endoscopic surgery**

*L.V. Adamyan, G. Bigatti, S. Bettocchi, A. Romeo, Ph. Coninx, M. Malzoni, S.-W. Guo, J. Hamou, A. Wattiez*

**Plenary session 3**

## Reproductive surgery: achievements, problems, solutions

**09.00** Tissue mechanical removal systems: a three years' experience of a hysteroscopic dedicated unit  
*G. Bigatti, Shanghai, China*

**09.20** The role of indocyanine green (ICG) in gynecological laparoscopy  
*Sh. Puntambekar, Pune, India*

**09.40** Left right differences in ovarian reserve in patients with diminished ovarian reserve  
*K. Kawamura, Tokyo, Japan*

**10.00 Master class on endoscopic surgery**  
Live surgery broadcast  
*M. Malzoni, Avellino, Italy*

**10.40** Infertile patients: tracking the dilemma of proper management between surgery and ART  
*A. Setubal, Lisbon, Portugal*

**11.00 Presentation and live surgery**  
Extensive use of mini-resectoscope in office hysteroscopy  
*S. Bettocchi, Foggia, Italy*

**11.30** Optimization of benign gynecological robotic surgery with ICG  
*V. Cela, Pisa, Italy*

**11.50** The applications of fluorescence with ICG in traditional and robotic minimally invasive surgery. Up to date  
*J. Gilabert-Estellés, Valencia, Spain*

**12.10** Hysteroscopy after 40 years of development  
*J. Hamou, Paris, France*

**12.30** Robot-assisted reproductive surgery  
*Komlichenko E.V., Adamyan L.V., Kokhraidze N.A., Moscow, Russia*

#### Plenary session 4

## Innovations and perspectives in reproductive surgery

- 12.40** Tips for robot sacrocolpopexy (RSC) with robotic hysterectomy using the Hoyte Sacro Tip and Ally positioning system  
*Yo. Ota, Kurashiki, Japan*
- 13.00** Role of AMH in PCOS homology and differences between endometriosis and PCOS  
*I. Ota, Kurashiki, Japan*
- 13.20** Standardizing hysterectomy in complex cases  
*P.N. Barri Soldevila, Barcelona, Spain*
- 13.40** The importance of the imaging in the management of endometriosis: what the surgeons need to improve the surgical quality?  
*M. Malzoni, Avellino, Italy*
- 14.05** 1. Robotic reproductive surgery  
2. Fibroids in IVF: measure twice, cut once  
*A. Gargiulo, Boston, USA*
- 14.45** Septate uterus. To cut or not to cut? A scientific dilemma.  
*J. Carugno, Miami, USA*
- 15.05** Surgical procedures that will improve IVF outcome  
*T. Falcone, Cleveland, USA*
- 15.25** Modern preventive measured for adhesions in gynecological surgery  
*Andreeva E.N., Moscow, Russia*
- 15.40** Adhesions prevention in gynecologic surgeries as a tool for preserving women's reproductive function  
*Fedorov A.A., Moscow, Russia*
- 15.55** Hysteroscopy for reproductive dysfunction: a debatable issue  
*Kozachenko I.F., Adamyan L.V., Gavrilova T.Y., Bykov A.G., Moscow, Russia*
- 16.10** Deconstructing and reconstructing adenomyosis to better understand the pathophysiology  
*K.B. Isaacson, Newton, USA*
- 16.30** New trends in robotic surgery  
*J. Magrina, Phoenix, USA*
- 16.50** Perioperative anemia in the practice of a gynecologist  
*Fedorova T.A., Moscow, Russia*

- 17.05** Updates in tissue extraction  
*M. Winter, Laguna Hills, USA*
- 17.25** Adenomyosis is a new challenge in hysteroscopy  
*R. Campo, Leuven, Belgium*
- 17.45** The mystery of knots explained  
*A.Romeo, Turin, Italy*
- 18.05** Istmocele («niches»): who, when, what to do?  
*Martynov S.A., Sukhareva T.V., Moscow, Russia*
- 18.20** Uterine reconstruction in uterine anomalies and malformations. Our own methods  
*Makiyan Z.N., Sukhareva T.V., Adamyan L.V., Popryadukhin A.Y., Moscow, Russia*
- 18.35** Endovascular and endoscopic surgery for uterine vascular malformations and cervical pregnancy  
*Kozachenko A.V., Bychenko V.G., Akinfiyev D.M., Danilov A.A., Moscow, Russia*
- 18.50** Intraoperative navigation and modeling of operations in uterine and vaginal aplasia  
*Popryadukhin A.Yu., Makiyan Z.N., Bychenko V.G., Arakelyan A.S., Sokolov A.A., Moscow, Russia*
- 19.05** Development of a robotic platform for hysteroscopic surgery  
*T. Anderson, Franklin, USA*
- 19.25** Discussion
- 19.40** **Closing of the day**

# DAY 3

January 18, 2024

07.00–08.00 **Young scientists' contest**

08.00 **Master class on endoscopic surgery**

*L.V. Adamyan, A. Wattiez, Ph. Koninckx, R. Tozzi, Sh. Puntambekar, G. Bigatti*

09.00 IVF as a primary treatment for fertility preservation  
*M. Surrey, Beverly Hills, USA*

**Plenary session 5**

## **Actual problems of reproductology and reproductive health: science and practice**

10.00 POI: a new approach to the problem (new surgeries, tubus scalpel, stress and autoimmunity)  
*Adamyan L.V., Makiyan Z.N., Menzhinskaya I.V., Antonova A.A., Tonoyan N.M., Moscow, Russia*

10.20 Humans' blastocyst quality evaluation by embryologist grading and artificial intelligence using time-lapse images  
*K. Hiraoka, Ciba, Japan*

10.40 1. Segmental aneuploidies in PGT field  
2. Prediction of origin of human embryo aneuploidies  
*D. Marin, North Brunswick, USA*

11.10 Will humans ever reproduce in Space?  
*A. Vereczkey, Budapest, Hungary*

11.30 Platelet rich plasma in infertility ovary and endometrial applications  
*L. Mencaglia, Cortona, Italy*

11.50 Reactivation of dormant ovarian follicles: an update on IVA, ASCOT and PRP  
*N. Pellicer, Valencia, Spain*

12.10 How artificial intelligence will revolutionize surgery?  
*J. Marescaux, Strasbourg, France*

12.30 Definition of RIF (repeated implantation failure) and failure of add-ons  
*Z. Ben-Rafael, Netanya, Israel*

13.00 Periconceptual counseling for optimal results in assisted reproductive technologies  
*G.C. Di Renzo, Perugia, Italy*

**Plenary session 6**

**Actual problems of reproductology  
and reproductive health: science and practice.  
Continued**

- 13.20** Should we always freeze all?  
*P.N. Barri Ragué, Barcelona, Spain*
- 13.40** Therapy of vulvovaginal infections from the clinical pharmacologist's point of view  
*Shikh E.V., Moscow, Russia*
- 13.55** The biological role of lactic acid in the stability of the vaginal microbiota  
*Apolikhina I.A., Moscow, Russia*
- 14.10** Specifics of contraception choice for active women. Advantages of the transdermal method  
*Yureneva S.V., Moscow, Russia*
- 14.30** Up to date on ovarian aging  
*P. Patrizio, Miami, USA*
- 14.45** Modern hormonal contraception: from menstrual cycle control to anti-aging strategy  
*Apolikhina I.A., Moscow, Russia*
- 15.00** 1. Preimplantation genetic testing for polygenic disease risk  
2. "Mosaicism" or misdiagnosis: misconceptions in preimplantation genetic testing for aneuploidy  
*N.R. Treff, North Brunswick, USA*
- 15.30** Prevention as reproductive health maintenance. Oncologist's view  
*Protasova A.E., Saint Petersburg, Russia*
- 15.45** Sexual dysfunction and infertility  
*Artymuk N.V., Kemerovo, Russia*
- 16.00** Ovarian renin-angiotensin system (OVRAS): continuation of ovulation and PCOS  
*F. Naftolin, New Haven, USA*
- 16.20** Cervical pathology in women with endocrinopathies  
*Andreeva E.N., Moscow, Russia*
- 16.35** Management of patients with genital discharge  
*Kasyan V.N., Moscow, Russia*
- 16.50** Polycystic ovary syndrome. Comprehensive treatment of reproductive and metabolic disorders  
*Chernukha G.E., Moscow, Russia*



- 17.05** Modern clinical aspects in treatment of urogenital infections in pregnant women  
*Khashukoeva A.Z., Moscow, Russia*
- 17.20** Iron deficiency in patients with uterine bleeding abnormalities  
*Dumanovskaya M.R., Moscow, Russia*
- 17.35** Heavy menstrual bleeding through the prism of clinical recommendations  
*Chernukha G.E., Moscow, Russia*
- 17.50** 1. Abnormal uterine bleeding in the reproductive years: practical use of the FIGO classification systems  
2. Endometrial hyperplasia: an impending epidemic  
*M. Munro, Los Angeles, USA*
- 18.10** New international classification of ovulation disorders and options for menstrual cycle normalization  
*Smetnik A.A., Moscow, Russia*
- 18.25** What obstetricians should know about operated uterus?  
*M. Tahlak, Dubai, OAE*
- 18.40** Clinical results on isthmocele  
*Sh. Alsuwaidi, Dubai, OAE*
- 18.55** The role of hyaluronic acid and endometrium in fertility overcoming  
*Adamyan L.V., Mikhaleva L.M., Pivazyan L.G., Moscow, Russia*
- 19.10** Infectious and inflammatory factor in infertility and habitual miscarriage  
*Burduli A.G., Tetrushvili N.K., Balmasova I.P., Donnikov A.E., Krashennikova R.V., Moscow, Russia*
- 19.25** The role of the modern man in family planning: the importance of prenatal preparation  
*Gamidov S.I., Moscow, Russia*
- 19.40** **Closing of the day**

# DAY 4

January 19, 2024

**08.00–09.00 Master class on endoscopic surgery**

*L.V. Adamyan, A. Wattiez, Ph. Koninckx, R. Tozzi, Sh. Puntambekar, G. Bigatti*

Basic and most important knowledge in laparoscopic surgery  
*A. Wattiez, Dubai, UAE*

Laparoscopic surgery in gynecologic oncology  
*R. Tozzi, Padova, Italy*

**09.00–10.00 Live surgery**

*L.V. Adamyan, G. Bigatti, A. Wattiez, Ph. Koninckx, R. Tozzi, Sh. Puntambekar*

**Plenary session 7**

## Gynecologic oncology: reproduction and survival

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| <b>10.00</b> | Endometrioma and infertility: when to be conservative and when to be invasive<br><i>A. Wattiez, Dubai, UAE</i>  |
| <b>10.20</b> | Laparoscopic total exenteration for patients with recurrent gynecological malignancies: which are the best candidates?<br><i>R. Tozzi, Padova, Italy</i>  |
| <b>10.40</b> | 1. SHAPE trial – the end of radical hysterectomy in early cervical cancer<br>2. Controversies of fertility sparing therapy according to new ESGO guideline<br><i>Ch. Köhler, Hamburg, Germany</i> |
| <b>11.00</b> | Fertility preservation concepts in multimodality treatment approaches<br><i>S. Marnitz, Berlin, Germany</i>   |
| <b>11.20</b> | Surgery for IV stage endometrium cancer<br><i>Sh. Puntambekar, Pune, India</i>  |
| <b>11.40</b> | Cervical Adenocarcinoma in-situ: management and outcome<br><i>M. Friedman, Haifa, Israel</i>  |
| <b>12.00</b> | The key role of HPV testing in diagnosis and effectiveness evaluation of CIN treatment<br><i>Korolenkova L.I., Moscow, Russia</i>   |

### Plenary session 8

## Integrated approach to prevention and treatment of benign gynecologic diseases

- 12.15** Medical treatment of endometriosis using GnRH-antagonist relugolix  
*H.-R. Tinneberg, Frankfurt, Germany*
- 12.35** 1. Adenovysis-induced heavy menstrual bleeding: mechanisms and possible interventions  
2. HiFu (high-intensity focused ultrasound) babies: hope or hype?  
*S.-W. Guo, Shanghai, China*
- 13.05** Artificial intelligence and reproductive medicine  
*A. Stepanyan, Atlanta, USA*
- 13.35** 1. Demystifying contraindication for menopause hormone therapy  
2. DHEA and testosterone to correct women hypoandrogenism  
*A. Genazzani, Pisa, Italy*
- 14.05** The cardinal sins in endometriosis management  
*Ph. Koninckx, Leuven, Belgium*
- 14.25** AUB – a fresh look at the problem  
*Yarmolinskaya M.I., Saint Petersburg, Russia*
- 14.40** Algorithm for controlling bleeding caused by MHT  
*Yureneva S.V., Moscow, Russia*
- 14.55** Problems of perimenopause and their solution: gestagens? COC? MGT?  
*Smetnik A.A., Moscow, Russia*
- 15.10** Counseling 45+ patients. How to help a woman maintain health and beauty?  
*Dubrovina S.O., Rostov-on-Don, Russia*
- 15.25** Alternative multitarget methods of menopausal disorders correction  
*Ermakova E.I., Moscow, Russia*
- 15.40** Ultra-low doses of estriol in the treatment of genitourinary menopausal syndrome  
*Apolikhina I.A., Moscow, Russia*
- 15.55–16.10** Technical break

**Plenary session 9**

**Risks of pregnancy loss and their management**

- 16.10** New tools in the management of fetal growth restriction  
*D. Valsky, Jerusalem, Israel*
- 16.30** Role of progesterone in luteal phase: support and maintenance of pregnancy  
*G.C. Di Renzo, Perugia, Italy*
- 16.50** Pregnancy as a window for future health of mothers and their offspring  
*B. Arabin, Berlin, Germany*
- 17.10** Pregnancy and immunization in COVID-19 era  
*V. Senikas, Ottawa, Canada*
- 17.30** Immunologic aspects of recurrent pregnancy loss  
*A. Vidali, New York, USA*
- 17.50** High-risk pregnancy. Up-to-date treatment approaches in 2024  
*Tetruashvili N.K., Moscow, Russia*
- 18.05** Current strategies for micronutrient supply in pregnancy  
*Shikh E.V., Moscow, Russia*
- 18.20** Polycystic ovary syndrome: features of prenatal preparation  
*Sheremetyeva E.V., Moscow, Russia*
- 18.35** Specifics of pregnancy management in women over 35 years of age  
*Yarmolinskaya M.I., Saint Petersburg, Russia*
- 18.50** Diet correction in a pregnant woman with excessive body weight  
*Orlova S.V., Moscow, Russia*
- 19.20** Modern methods for preeclampsia prediction and prevention  
*Khodzhaeva Z.S., Moscow, Russia*
- 19.35** Vulvovaginal candidiasis  
*Kuzmin V.N., Moscow, Russia*
- 19.50** COVID-19 and reproductive health. Long-COVID-19 beyond and during pregnancy  
*Konysheva O.V., Vechorko V.I., Kharchenko E.I., Pivasyan L.G., Moscow, Russia*
- 20.05** Digital technologies in the diagnosis of fetal hypoxia  
*Salov I.A., Kudasheva R.R., Lomovitskaya M.V., Saratov, Russia*

**20.20 Closing of the Congress**

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